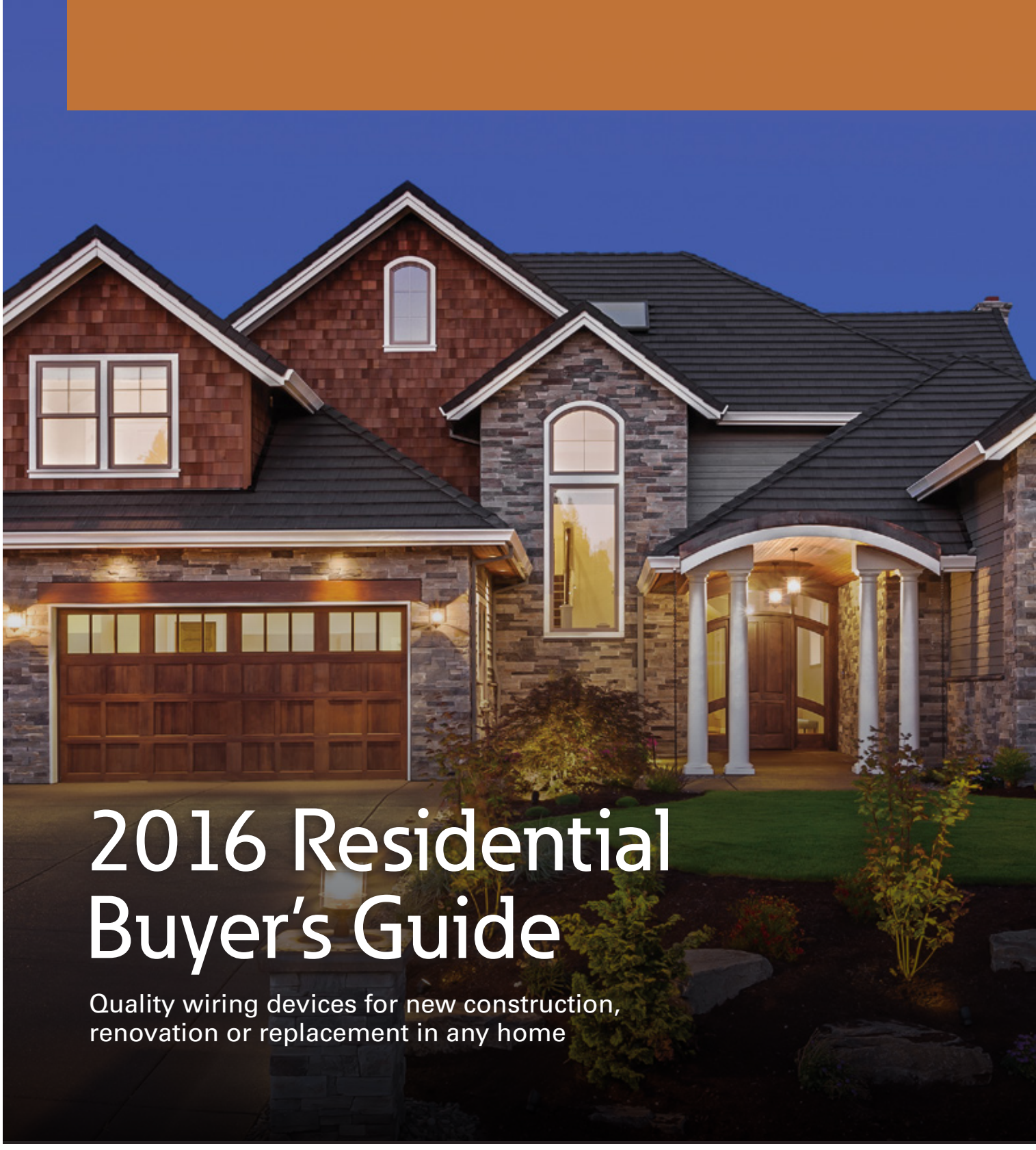

2016 Residential Buyer's Guide

Quality wiring devices for new construction, renovation or replacement in any home

EATON

Powering Business Worldwide

Energizing a world that demands more.

We deliver:

- **Electrical solutions** that use less energy, improve power reliability and make the places we live and work safer and more comfortable
- **Hydraulic and electrical solutions** that enable machines to deliver more productivity without wasting power
- **Aerospace solutions** that make aircraft lighter, safer and less costly to operate, and help airports operate more efficiently
- **Vehicle drivetrain and powertrain solutions** that deliver more power to cars, trucks and buses, while reducing fuel consumption and emissions

Discover today's Eaton.

Powering business worldwide

As a global power management company, we help customers worldwide manage the power needed for buildings, aircraft, trucks, cars, machinery and businesses.

Eaton's innovative technologies help customers manage electrical, hydraulic and mechanical power more reliably, efficiently, safely and sustainably.

We provide integrated solutions that help make energy, in all its forms, more practical and accessible.

EATON

Powering Business Worldwide

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Index

Energy saving lighting controls

Address growing "green" aspirations and create ambiance in any space with energy saving home automation & lighting controls

Wiring devices for every need, home-wide

Functionality is paramount in the modern home—our wiring devices provide reliable service, compliance and solutions

Lighting controls

Z-wave wireless collection

Aspire design collection

Dimmers & lighting controls

Occupancy & vacancy sensors

Timers

Wiring devices

Switches

Combination devices

USB receptacles

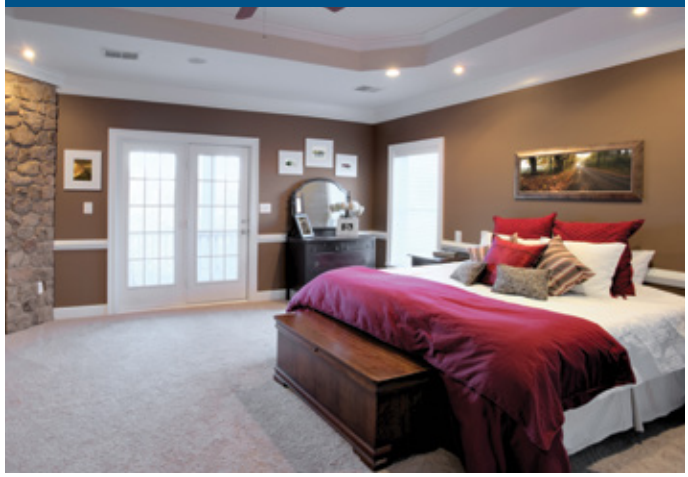
Receptacles

GFCIs

Power devices

Plugs & connectors

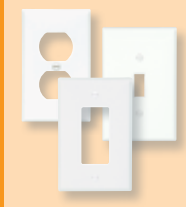
Lampholders



Finish off wiring device installations perfectly

Décor-savvy homeowners require high-quality modern wallplates & covers to complete the job

Wallplates & weather protective covers



Wallplates

Wallplate accessories

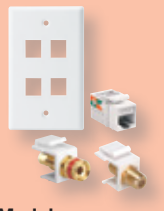
While-in-use boxes

Weather protective covers

Flexible home media connectivity

Systems that equip homes for today's digitally rich lifestyle with integrated voice, video and data services

Data & connectivity



Modular connectivity

Multimedia wallplates

Connectivity points

Complete home surge protection

Completely protect your home from surges from the load center till the "point-of-use"

Surge protection

Surge protection receptacles

Surge protection adapters

Devices

How to use this catalog

Eaton's Wiring Devices residential buyer's guide has been created with you in mind! We've developed this guide to speed your access to all of the product and data you need quickly and efficiently.

Section opener
The beginning of each section provides an overview of the families each section contains

Visual reference of each family contained in the section with page numbers

Family introduction
Each family introduction provides an overview of the different product groupings within the family, available colors, key features, and specialty solutions

Key product features

Product groupings within family with page numbers

Product solutions for today's special needs and where to find them in the catalog

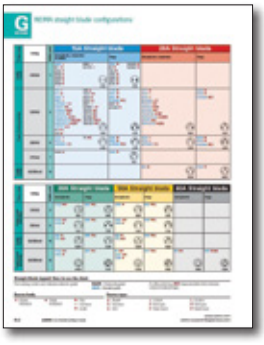
Available colors in this family

Product catalog pages
Where you are in the catalog appears in the top bar

Features of the products on this page

Description & ordering information

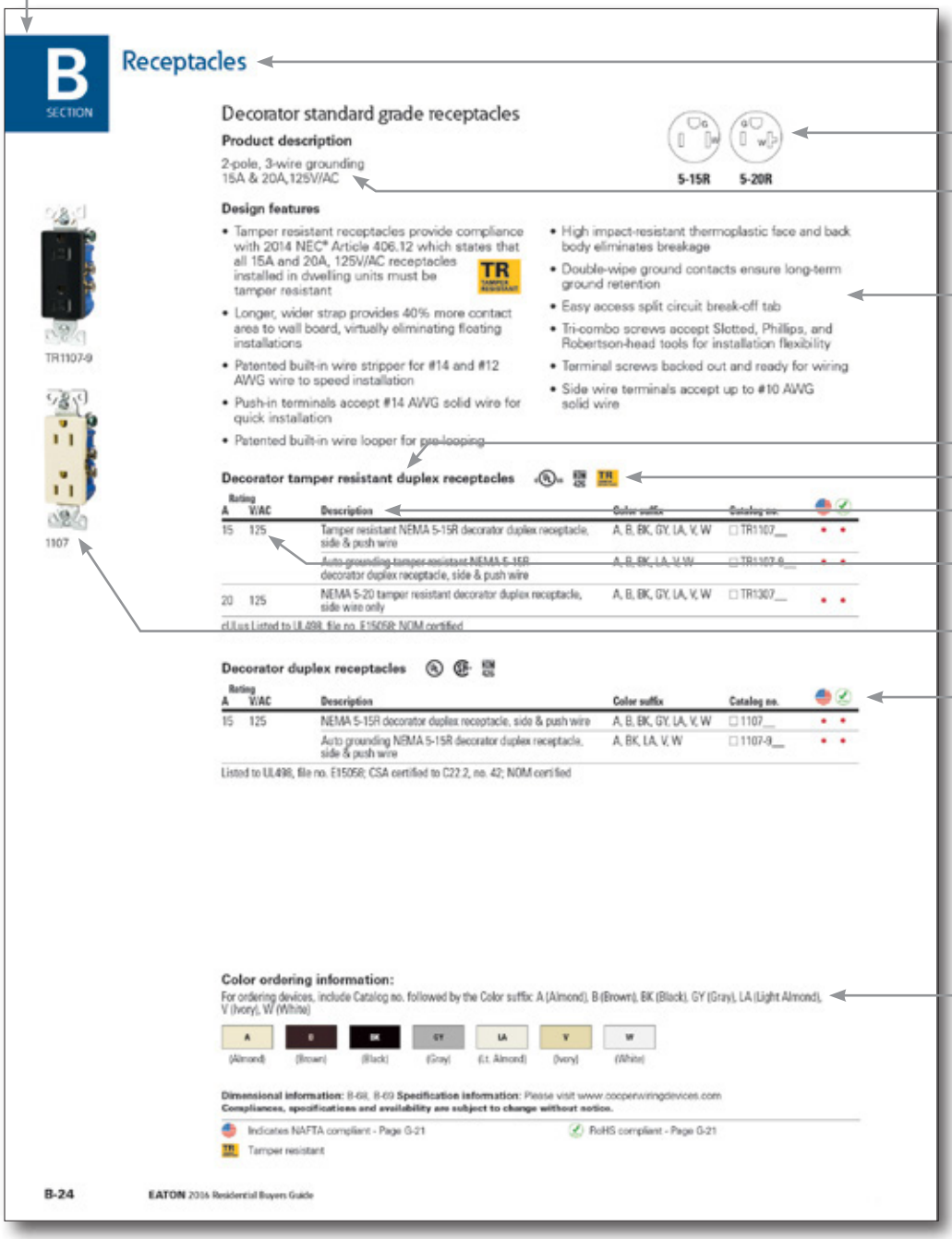
Dimensional data pages
Lists the dimensions of the products within that section; in the case of wallplates, shows the necessary spacing and mounting dimensional information



NEMA chart index
Located in the Technical Reference section, the NEMA chart allows you to search and identify the product you need by applicable NEMA configuration

Alphanumeric index
Located at the back of the buyer's guide, the alphanumeric index allows you to quickly locate a specific catalog item's page number

How to use this catalog



Color coded for easy section location

Catalog section & family

NEMA configuration(s)

Configurations & ratings of devices on this page

Features of products on this page

Product sub-group

Testing and compliance

Item description

Rating and wiring type

Product image

Category identifier denotes available options and NAFTA & RoHS compliance

Color ordering information

Products that are identified as NAFTA compliant may qualify under the Buy American Act program guidelines. Consult specific project guidelines and compliance requirements to assure suitability for your project needs. See page G-21 for more information.

We are committed to an ongoing program of product innovation, development and improvement. Therefore, data in this catalog, including product availability, specifications and compliances are subject to change without notice.

SECTION

A

Lighting Controls

Experience the ultimate in lighting controls with innovative technology and style from Eaton's Wiring Devices. Bridging state-of-the-art lighting control with contemporary aesthetics, Eaton's line of wallbox dimmers, occupancy sensors, architectural and wireless devices can reduce energy usage, improve ambiance and enhance the elegance of a room.

Z-Wave wireless collection
A-2

Aspire design collection
A-14

Dimmers & lighting controls
A-22

Occupancy & vacancy sensors
A-32

Timers
A-38

Z-Wave® wireless collection

Experience the elegance of sophisticated design combined with robust, reliable, and scalable wireless technology. Set the mood for family movies, entertaining friends, or a romantic dinner by controlling lighting, thermostats, and even appliances.

Z-Wave wireless collection

Z-Wave controllers, accessories & keypads

A-4–A-6

Z-Wave smart dimmers

A-7

Z-Wave switches

A-9

Z-Wave receptacles

A-10

Z-Wave lighting control accessories

A-11

Z-Wave wireless collection colors

Aspire colors:

Alpine White

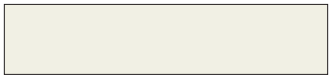
Desert Sand

Silver Granite

White Satin

Decorator colors:

Black



Lt. Almond

White

The Eaton Z-Wave difference

- Great for new construction or remodeling; no new wiring is needed
- Versions with no neutral are great for remodeling/retrofit applications
- Powered by Z-Wave® technology; compatible with other Z-Wave networked devices
- Control over 200 devices with a single controller locally or via a computer remotely
- Each device in the network can be personalized for easy reference
- Simple and intuitive programming
- Pre-programmed settings provide energy savings and comfort
- Programmable rapid and delayed fading
- Wall-mounted devices available in seven color finishes
- One Z-Wave switch or dimmer can control up to five Z-Wave devices
- Turn lights ON and OFF and adjust the light intensity to create any mood or environment with a single touch on one of the Z-Wave controllers
- LED light-level display that is visible in full daylight and dims in intensity when lights are turned OFF
- Add non-Z-Wave household items to the network by plugging them into Z-Wave receptacles
- Line of Title 24 compliant dimmers

Z-WAVE®

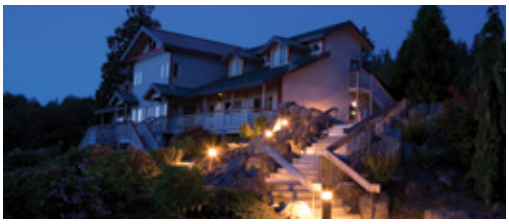
Specific Z-Wave wireless solutions for today's needs

Energy savings

Z-Wave facilitates "going green" by providing products that help you reduce your energy usage while improving ambiance and enhancing the elegance of the rooms.

See pages A-4 to A-11

RF9540-NAW



Safety & security

Arrive home to a well-lit house, create a safe lighted pathway as you enter the home with the touch of a button, or create a "lived-in" look to enhance security when you are away.

See pages A-4 to A-11

RFWC5WS

Convenience & automation

Add comfort with preprogrammed settings, create any lighting scenario or control appliances house-wide with intelligent wireless technology and a wide range of device solutions.

See pages A-4 to A-11

Shown:
RFHDCSG

Wireless Z-Wave controllers

Product description

Primary or secondary Z-Wave controllers
AA batteries or 120V/AC 5V/DC power supply
120-240V, 50/60Hz power supply

RFHDCSG

Design features - RFHDCSG

- Network is controlled using Z-Wave technology
- One is required per job for commissioning or system modification
- Provides seamless integration working with all Z-Wave Collection components and a comprehensive array of third party devices
- Easy user-interface guides user step by step through the installation process
- Handheld controller offers unique one-touch keypad options for lighting scenes and sequences
- Handheld controller offers All ON, All OFF and panic buttons for energy savings and security functions
- Control your Z-Wave network from any location using a handheld controller
- Handheld controller is a fan-less, diskless design for ultimate mechanical reliability

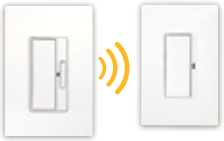
Handheld controllers

Description	Catalog no.
Handheld controller, battery operated (2 AA batteries)	☐ RFHDCSG

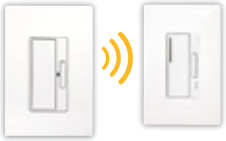
Complies with FCC Part 15, Class B; Z-Wave compliant certified

Dimensional information: A-41
Compliances, specifications and availability are subject to change without notice.

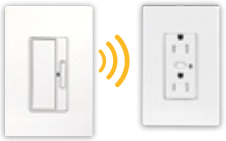
Anyplace Z-Wave battery operated switch and combination kits



Anyplace switch with RF switch



Anyplace switch with RF dimmer



Anyplace switch with RF receptacle

Anyplace switch with RF module

Combination kits available in decorator (shown) and Aspire series. Anyplace switch includes screwless wallplate.

Product description

15A 120V/AC, 60Hz (in wall devices and plug-in module)

Design features

- Conveniently add a switch wherever you need it - no need for additional wiring
- Can be used in combination with Z-Wave switches, dimmers and receptacles
- Can be used in existing Z-Wave network or as a stand-alone controller
- Controls up to 5 Z-Wave devices
- Eliminates the need for a separate controller
- Mounts on any flat surface for additional convenience
- Includes 2 CR2025 batteries
- Includes 2 pieces of double-sided tape as well as mounting screws and anchors for maximum installation flexibility
- Available in Aspire and decorator styles

Anyplace RF battery operated combination kits

Description	Series	Color	Catalog No.
Anyplace switch (RF9575DW) w/Z-Wave switch (RF9501DW)	Decorator	DW	☐ RFAS01DW
Anyplace switch (RF9575DW) w/Z-Wave dimmer (RF9540-NDW)	Decorator	DW	☐ RFAS40DW
Anyplace switch (RF9575DW) w/Z-Wave receptacle (RFTR9505-TAW)	Decorator	DW	☐ RFAS05DW
Anyplace switch (RF9575DW) w/Z-Wave appliance module (RFAPM)	Decorator	DW	☐ RFASAPMDW
Anyplace switch (RF9575DW) w/Z-Wave lamp dimming module (RFLDM)	Decorator	DW	☐ RFASLDMDW
Anyplace switch (RF9575AW) w/Z-Wave switch (RF9501AW)	Aspire	AW	☐ RFAS01AW
Anyplace switch (RF9575AW) w/Z-Wave dimmer (RF9540-NAW)	Aspire	AW	☐ RFAS40AW
Anyplace switch (RF9575AW) w/Z-Wave receptacle (RFTR9505-TAW)	Aspire	AW	☐ RFAS05AW
Anyplace switch (RF9575AW) w/Z-Wave appliance module (RFAPM)	Aspire	AW	☐ RFASAPMAW
Anyplace switch (RF9575AW) w/Z-Wave lamp dimming module (RFLDM)	Aspire	AW	☐ RFASLDMAW

Complies with: FCC, cULus, ANCE, NOM certified

Anyplace Switch

Description	Aspire color suffix	Decorator color suffix	Catalog no.
Battery operated anyplace switch	AW, DS, SG, WS	DBK, DLA, DW	☐ RF9575__

Complies with: FCC, cULus, NOM/ANCE certified

Color ordering information:

For ordering devices, include Catalog no. followed by the Color suffix: AW (Alpine White), DS (Desert Sand), SG (Silver Granite), WS (White Satin), DBK (Decorator Black), DLA (Decorator Light Almond), DW (Decorator White)

Aspire series color options:

AW	AW	DS	DS	SG	SG	WS	WS
(Alpine White)		(Desert Sand)		(Silver Granite)		(White Satin)	

Decorator series color options:

DBK	DLA	DW
(Decorator Black)	(Decorator Light Almond)	(Decorator White)

Compliances, specifications and availability are subject to change without notice.

Z-Wave scene control keypads

Product description

5-Scene control
60Hz, 120V/AC

RFWC5WS

Design features

- Activates scenes associated with Z-Wave devices and other Z-Wave compliant devices
- Provides individual scene DIM/BRIGHT function by pressing and holding any active (ON) scene's button
- Stores up to 5 scenes for activation (ON/OFF)
- Fits standard-sized wallbox and utilizes existing 120V/AC 60Hz wiring (neutral required)
- Oval side button provides easy access for turning off all devices associated with scene keypad
- Blue LED provided on each button for scene status notification
- Blue LEDs provide location feature by dimming when scene has been deactivated
- Transfer function on primary controllers allows user to easily copy scene information from controller to each button on scene keypad
- Patented indicator system alerts if scene keypad is not set up in the network
- Aesthetically matches the Aspire design collection and compatible with Aspire screwless wallplates for a unified look across Z-Wave and traditional devices

Wall mount 5-scene keypad

Rating Hz	V/AC	Description	Aspire color suffix	Decorator color suffix	Catalog no.
60	120	Wall mount 5-button keypad	AW, DS, SG, WS	DBK, DLA, DW	☐ RFWC5__
		5-button keypad kit	AW, DS, SG, WS	DBK, DLA, DW	☐ RFWC5K__

Complies with FCC Part 15, Class B; CULus Listed to UL1472, file no. E47967, certified to CSA C22.2 no. 187.1, NOM certified

Color ordering information:

For ordering devices, include Catalog no. followed by the Color suffix: AW (Alpine White), DS (Desert Sand), SG (Silver Granite), WS (White Satin), DBK (Decorator Black), DLA (Decorator Light Almond), DW (Decorator White)

Aspire series color options:

AW AW	DS DS	SG SG	WS WS
(Alpine White)	(Desert Sand)	(Silver Granite)	(White Satin)

Decorator series color options:

DBK	DLA	DW
(Decorator Black)	(Decorator Light Almond)	(Decorator White)

Dimensional information: A-41

Compliances, specifications and availability are subject to change without notice.

Z-Wave all load smart dimmers

Product description

Single-pole, 3-way, multi-location
120V/AC, 60Hz
Rated for all common lighting loads—dimmable LED, dimmable CFL, INC/HAL, ELV, MLV, FLR

RF9540-NAW

RF9540-NDW

Design features

- Rated for use with 300W of dimmable LED or CFL, and 600W of incandescent, magnetic low-voltage, electronic low-voltage and dimmable fluorescent
- Adjustable low-end and high-end dimming range to prevent lamp flickering
- Selectable rapid start feature to ensure lamp start-up at low preset light levels
- No de-rating required in multi-gang installations
- Compatible with Z-Wave accessory dimmer (RF9542-Z) for wireless 3-way control, eliminating the need for traditional 3-way wiring or dedicated traveller wire
- Can be associated with up to 5 other devices
- Air-gap switch disconnects power from load forcing an OFF condition
- Neutral wire required for installation
- Decorator and Aspire style products offer the same functionality with two distinct styles
- Electro-mechanical push pad for ON/OFF operation with separate DIM/BRIGHT bar
- Seven step blue LED display alongside push pad indicates selected light level and reduces brightness when OFF (nightlight feature)
- Programmable rapid and delayed fading up to 4 minutes (default is 10 seconds)
- Adjustable ramp rate (up to 4 minutes) for safety and convenience
- Child lockout feature
- Pressing and holding push pad for 2 seconds brings light to full brightness without affecting preset levels
- Title 24 compliant

Z-Wave all load smart dimmer master

Rating W/AC	Rating V/AC	Hz	Compatible lamp types	Description	Aspire color suffix	Decorator color suffix	Catalog no.	TITLE 24
300	120	60	Dimmable LED/CFL	Z-Wave smart dimmer master, single-pole/multi-location with presets and LEDs, neutral required	AW, DS, SG, WS	DBK, DLA, DW	☐ RF9540-N__	•
600	120	60	INC, ELV, MLV, FLR					

Complies with Z-Wave, FCC, cULus, NOM certified

Rated for all common lighting loads
Dimmable Compact Fluorescent (CFL)
Dimmable Light-Emitting Diodes (LED)
Electronic & Magnetic Low-Voltage (ELV/MLV)
Incandescent/Halogen (INC/HAL)
Fluorescent (FLR)

Color ordering information:

For ordering devices, include Catalog no. followed by the Color suffix: AW (Alpine White), DS (Desert Sand), SG (Silver Granite), WS (White Satin), DBK (Decorator Black), DLA (Decorator Light Almond), DW (Decorator White)

Aspire series color options:

AW	AW	DS	DS	SG	SG	WS	WS
(Alpine White)		(Desert Sand)		(Silver Granite)		(White Satin)	

Decorator series color options:

DBK	DLA	DW
(Decorator Black)	(Decorator Light Almond)	(Decorator White)

Derated information: G-19 **Dimensional information:** A-42
Compliances, specifications and availability are subject to change without notice.

TITLE 24 Indicates Title 24 compliant - Page G-4

Z-Wave smart dimmers

Product description

Single-pole, 3-way, multi-location
600W or 1000W; 60Hz, 120V/AC
Incandescent/halogen, magnetic low-voltage, electronic low-voltage, fluorescent

RF9536-NDW

RF9537-NDBK

RF9542-ZDS

Design features

- Turn lights ON and OFF and adjust the light intensity to create any mood or environment with a single touch on one of the Aspire Z-Wave controllers
- Versions with no neutral are ideal for remodeling/retrofit applications
- Electro-mechanical push pad for ON/OFF operation with separate DIM/BRIGHT bar
- LED light-level display for presetting illumination levels and master/accessory units for multi-location control
- Amber LED at bottom of LED display indicates ON/OFF load status
- Seven step blue LED display indicates selected light level—and reduces brightness when OFF (location feature)
- Z-Wave accessory RF9542 works with no neutral Z-Wave dimmers to provide traditional multi-location control for up to 3 additional locations using traditional 3-way traveler wires
- All Z-Wave master dimmers can be used for multi-location control with the RF9542-Z and RF9575
- Can be associated with up to 5 other devices
- All-ON/All-OFF capability
- Panic mode capability
- Patented indicator system alerts if dimmer is not set up in the network
- Title 24 compliant

Smart dimmer system master & accessories

Rating W/AC	Rating V/AC	Hz	Description	Aspire color suffix	Decorator color suffix	Catalog no.	TITLE 24
600	120	60	Z-Wave smart dimmer, incandescent (no neutral required)	AW, DS, SG, WS	DBK, DLA, DW	☐ RF9534__	•
1000	120	60	Z-Wave smart dimmer, incandescent/magnetic low voltage	AW, DS, SG, WS	DBK, DLA, DW	☐ RF9536-N__	•
			Z-Wave smart dimmer, incandescent (no neutral required)	AW, DS, SG, WS	DBK, DLA, DW	☐ RF9536__	•
			Z-Wave smart dimmer, electronic low voltage	AW, DS, SG, WS	DBK, DLA, DW	☐ RF9537-N__	•
			Z-Wave accessory w/LEDs, compatible with Z-Wave master dimmers (neutral required)	AW, DS, SG, WS	DBK, DLA, DW	☐ RF9542-Z__	
	120	60	Non-RF accessory w/LEDs, compatible only with RF9534 & RF9536 (no neutral required)	AW, DS, SG, WS	DBK, DLA, DW	☐ RF9542__	

*RF9575 Anyplace switch can also be used as accessory dimmer with Z-Wave master dimmer for hassle free installation
Complies with Z-Wave, FCC (except RF9542), cULus, NOM certified

Color ordering information:

For ordering devices, include Catalog no. followed by the Color suffix: AW (Alpine White), DS (Desert Sand), SG (Silver Granite), WS (White Satin), DBK (Decorator Black), DLA (Decorator Light Almond), DW (Decorator White)

Aspire series color options:

AW AW	DS DS	SG SG	WS WS
(Alpine White)	(Desert Sand)	(Silver Granite)	(White Satin)

Decorator series color options:

DBK	DLA	DW
(Decorator Black)	(Decorator Light Almond)	(Decorator White)

Dimensional information: A-41
Compliances, specifications and availability are subject to change without notice.

TITLE 24 Indicates Title 24 compliant - Page G-4

Z-Wave switches

Product description

Single-pole, 3-way, multi-location
8A or 15A, 60 Hz, 120V/AC
LED, CFL, incandescent/halogen, magnetic low-voltage, electronic low-voltage, fluorescent

RF9501AW

RF9501DW

RF9518DBK

RF9500AW

Design features

- Compatible with Z-Wave accessory switch (RF9517) for wireless 3-way control eliminating the need for traditional 3-way wiring (up to 5 locations)
- Electro-mechanical push button for ON/OFF operation
- Blue LED illuminates to indicate ON/OFF status
- RF9518 is compatible with RF9520 for use with traditional 3-way traveller wires
- RFI filtering for radio, audio, and video equipment
- Patented indicator system alerts if switch is not set up in the network
- Can be associated with up to 5 other devices
- Programmable delayed OFF mode (up to 4 minutes), default is 10 seconds
- Child lockout feature
- All-ON/All-OFF capability
- Panic mode capability
- Configurable "Power ON status" (ON/OFF/last level)
- The Aspire design collection is compatible with Aspire screwless wallplates for a unified look across Z-Wave and traditional devices

Switches

A	Rating V/AC	Hz	Description	Aspire color suffix	Decorator color suffix	Catalog no.
15	120	60	Z-Wave switch 15A single-pole; LED, CFL, incandescent, magnetic low-voltage, electronic low-voltage, fluorescent	AW, DS, SG, WS	DBK, DLA, DW	☐ RF9501__
8	120	60	Z-Wave switch 8A single-pole, no neutral required, incandescent only	AW, DS, SG, WS	DBK, DLA, DW	☐ RF9518__
	120	60	Accessory Z-Wave switch, compatible with RF9501 and RF9518	AW, DS, SG, WS	DBK, DLA, DW	☐ RF9517__
8	120	60	Non-RF accessory switch, compatible with RF9518 only	AW, DS, SG, WS	DBK, DLA, DW	☐ RF9520__
			Z-Wave battery operated switch	AW, DS, SG, WS		☐ RF9500__
			Multi-gang adaptor for use with RF9500 & RF9575			☐ RFB522__

*RF9575 anyplace switch can also be used as accessory switch with Z-Wave master switches for hassle free installation
Complies with FCC Part 15, Class B; CULus Listed to UL1472, file no. E47967, certified to CSA C22.2 no. 187.1; NOM certified

Color ordering information:

For ordering devices, include Catalog no. followed by the Color suffix: AW (Alpine White), DS (Desert Sand), SG (Silver Granite), WS (White Satin), DBK (Decorator Black), DLA (Decorator Light Almond), DW (Decorator White)

Aspire series color options:

AW	AW	DS	DS	SG	SG	WS	WS
(Alpine White)		(Desert Sand)		(Silver Granite)		(White Satin)	

Decorator series color options:

DBK	DLA	DW
(Decorator Black)	(Decorator Light Almond)	(Decorator White)

Dimensional information: A-41
Compliances, specifications and availability are subject to change without notice.

Z-Wave duplex receptacles

RFTR9505-TDS

Product description

2-pole, 3-wire grounding
15A, 125V/AC

5-15R

Design features

- Tamper resistant receptacles provide compliance with 2014 NEC® Article 406.12 which states that all 15A and 20A, 125V/AC receptacles installed in dwelling units must be tamper resistant
- Offers UL Listed safety shutter system that prevents insertion of foreign objects into receptacle
- TR designation on face of device makes it easy to identify at a glance
- Electro-mechanical push button located at center of device for inclusion and ON/OFF operation
- Center blue LED illuminates to indicate ON/OFF status
- Provides wireless control of one outlet leaving the other one for normal use
- Child lockout feature
- Ability to be controlled remotely by other Z-Wave devices through association
- All-ON/All-OFF inclusion
- Panic mode capability
- Patented indicator system alerts if receptacle is not set up in the network
- Configurable "Power ON status" (ON/OFF/last level)
- Pre-stripped wire leads for ease of installation

Receptacles

Rating A	V/AC	Description	Color suffix	Catalog no.
15	125	Tamper resistant NEMA 5-15R split control duplex receptacle, wire leads	AW, BK, DS, SG, WS	☐ RFTR9505-T__

Complies with FCC Part 15, Class B; cULus Listed to UL38DS, file no. E325082; NOM certified

Color ordering information:

For ordering devices, include Catalog no. followed by the Color suffix: AW (Alpine White), DS (Desert Sand), SG (Silver Granite), WS (White Satin), BK (Black)

AW	AW	DS	DS	SG	SG	WS	WS
(Alpine White)		(Desert Sand)		(Silver Granite)		(White Satin)	

BK
(Black)

Dimensional information: A-41
Compliances, specifications and availability are subject to change without notice.

TR Tamper resistant

Z-Wave lighting control accessories

1-15R

Product description

2-pole, 2-wire non-grounding
300W, 15A 120V/AC
600W, 120V/AC

RFLDM

RFAPM

Design features

- Provides an upgrade for any standard receptacle with a plug-in lamp dimming module to control the light level of any lamp, or a switch module for ON/OFF operation
- Lamp dimming module's sensing feature allows lamp to be turned ON manually using the lamp's switch or the integrated ON/OFF button
- Lamp dimming module provides polarized 300W-120VAC NEMA 1-15R receptacle for use with incandescent lamps
- Lamp dimming module's electro-mechanical push button located on side of device for inclusion and ON/OFF/DIM/BRIGHT operation
- Lamp dimming module offers an adjustable ramp rate (up to 4 minutes)
- Appliance switch module provides 120V/AC NEMA 1-15R receptacle for use with a wide variety of lamps
- Appliance switch module's electro-mechanical push button located on side of device for inclusion and ON/OFF operation
- Modules can be controlled remotely by other Z-Wave devices through association of up to 5 devices
- Quiet relay switching for smooth operation
- Amber LED indicates ON/OFF load status
- Single button programming
- Can be included in scenes
- Child lockout feature
- All-ON/All-OFF inclusion
- Panic mode capability
- Patented indicator system alerts if module is not set up in the network
- Configurable "Power ON status" (ON/OFF/last level)
- Power failure memory

Plug-in lamp dimming module

Rating A	Rating W	V/AC	Description	Color	Catalog no.
15	300	120	Plug-in lamp dimming module	W	☐ RFLDM

Complies with FCC Part 15, Class B; cULus Listed to UL244A, file no. E325082

Plug-in appliance switch module

Rating A	Rating W	V/AC	Description	Color	Catalog no.
15	600	120	Plug-in switch appliance module	W	☐ RFAPM

Complies with FCC Part 15, Class B; cULus Listed to UL244A, file no. E325082

Color ordering information:

W (White)

W

(White)

Dimensional information: A-41
Compliances, specifications and availability are subject to change without notice.

Aspire coordinating screwless wallplates

Product description

Mid-size thermoplastic

9521

9522

Design features

- Available in three colors to coordinate with the rest of the Z-Wave product line: Desert Sand, Silver Granite and White Satin (select White Satin wallplates for Alpine White devices)
- Screwless wallplates clip smoothly into place with gentle pressure
- Clearly marked top edges make mounting wallplates easy to orient and attach
- Virtually unbreakable polycarbonate construction
- Standard decorator style opening
- Mid-size to cover wall imperfections and large wallboard openings
- Wallplates appear to float freely on the surface of the wall, framing every device beautifully
- Screw-catch feature holds backplate mounting screws captive for ease of installation

Mid-size screwless wallplates

Description	Color suffix	Catalog no.
1-gang Aspire wallplate	DS, SG, WS	☐ 9521__
2-gang Aspire wallplate	DS, SG, WS	☐ 9522__
3-gang Aspire wallplate	DS, SG, WS	☐ 9523__
4-gang Aspire wallplate	DS, SG, WS	☐ 9524__
5-gang Aspire wallplate	DS, SG, WS	☐ 9525__
6-gang Aspire wallplate	DS, SG, WS	☐ 9526__

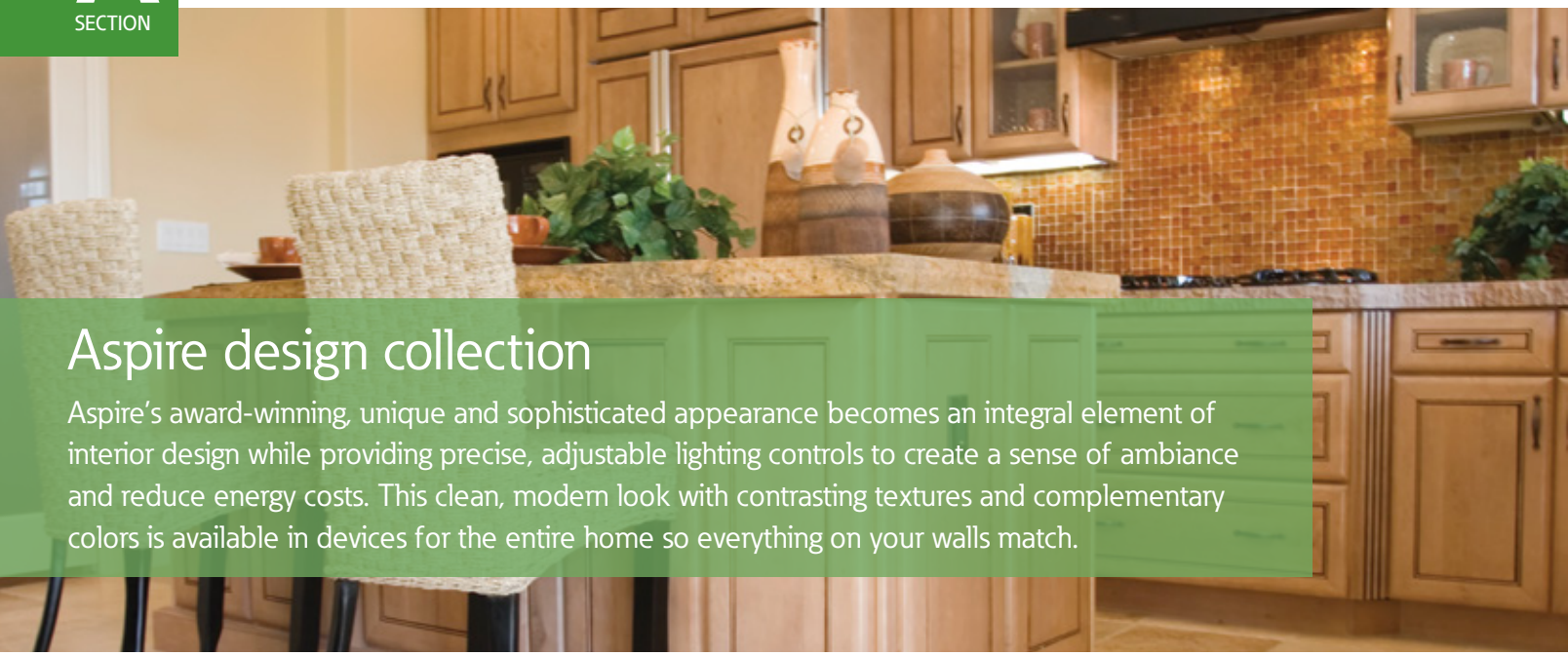
cULus Listed to UL5154D, file no. E33216

Color ordering information:

For ordering devices, include Catalog no. followed by the Color suffix: DS (Desert Sand), SG (Silver Granite), WS (White Satin)

DS DS	SG SG	WS WS
(Desert Sand)	(Silver Granite)	(White Satin)

Compliances, specifications and availability are subject to change without notice.



Aspire design collection

Aspire's award-winning, unique and sophisticated appearance becomes an integral element of interior design while providing precise, adjustable lighting controls to create a sense of ambiance and reduce energy costs. This clean, modern look with contrasting textures and complementary colors is available in devices for the entire home so everything on your walls match.

Features & benefits

- Available in three distinctive, two-tone color combinations: White Satin, Desert Sand and Silver Granite, plus single-tone Alpine White
- All products are designed for ease of installation
- Award-winning architectural design that becomes an integral element of décor
- 4 coordinating color and texture combinations designed for today's homes
- Affordable luxury upgrade
- Wide array of devices to cover every application for a complete, finished look throughout an entire home
- Smooth, quiet actuation with proven design features and functionality combine with quality construction to provide years of dependable service
- Line of Title 24 compliant dimmers

Aspire Aspire collection colors

Series colors:

Alpine White

Desert Sand

Silver Granite

White Satin

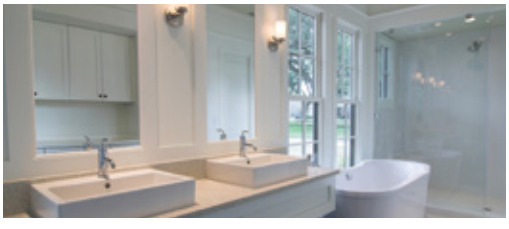
Specific Aspire collection solutions for today's needs

Setting the mood

Aspire features an award winning, stylish design and smooth, precise lighting control to set the right mood for any occasion.

See pages A-15, A-16

Shown:
9540-NAW



Energy savings

Aspire features microprocessor-controlled and mechanical dimmers, as well as matching timers that provide significant energy savings in addition to ambiance and light control.

See pages A-15 to A-19

Shown:
9590DS

Smart dimmers

Product description

Single-pole & multi-location
300W, 600W, 1000W, 120V/AC
Incandescent/halogen, magnetic low-voltage, electronic low-voltage, LED/CFL, fluorescent.

9534

9537

9542

Design features

- Available in three distinctive, two-tone color combinations: White Satin, Desert Sand, and Silver Granite, plus single-tone Alpine White
- LED light level display for presetting illumination levels and master/accessory units for multi-location control
- Seven step green LED display alongside push pad indicates selected light level—and reduces brightness when OFF (location feature)
- Durable top and backbody
- 600W dimmers have wrap around strap to eliminate the need for de-rating for 1 or 2 gangs
- Electro-mechanical push pad for ON/OFF operation with separate DIM/BRIGHT bar
- Preset feature allows user to return to previous light setting when turning lights ON
- Illumination level may be adjusted with switch in on or off position
- 10 second delayed-OFF feature by pressing and holding push pad for 2 seconds when dimmer is ON
- Pressing and holding push pad for 2 seconds when dimmer is off brings light to full brightness
- Amber LED at bottom of LED display indicates ON/OFF load status
- Master controls as many as 5 accessory units for multiple location installations
- Adjustable low-end and high end trimming to prevent lamp flickering
- Title 24 compliant (Except 9542)

Smart dimmer system master & accessories

Rating W	Rating V/AC	Description	Color suffix	Catalog no.	TITLE 24
300	120	Smart dimmer, single-pole/ 3-way, incandescent/halogen, dimmable LED/ CFL, magnetic low-voltage, electronic low-voltage	AW, DS, SG, WS	☐ 9540-N_	•
600	120	Smart dimmer, incandescent/halogen, magnetic low-voltage, electronic low-voltage	AW, DS, SG, WS	☐ 9534__	•
1000	120	Smart dimmer, incandescent/halogen, magnetic low-voltage, single-pole	AW, DS, SG, WS	☐ 9536__	•
		Electronic low-voltage, single-pole	AW, DS, SG, WS	☐ 9537__	•
—	—	Accessory dimmer, multi-location	AW, DS, SG, WS	☐ 9542__	

cULus Listed to UL1472, file no. E47967; NOM certified

Color ordering information:

For ordering devices, include Catalog no. followed by the Color suffix: AW (Alpine White), DS (Desert Sand), SG (Silver Granite), WS (White Satin)

AW	AW	DS	DS	SG	SG	WS	WS
(Alpine White)		(Desert Sand)		(Silver Granite)		(White Satin)	

Derated information: G-19 **Dimensional information:** A-42
Compliances, specifications and availability are subject to change without notice.

TITLE 24 Indicates Title 24 compliant - Page G-4

Slide dimmers

Product description

Single-pole & 3-way
300W, 600W or 1000W, 120V/AC
Incandescent/halogen, magnetic low-voltage, electronic low-voltage, LED/CFL, fluorescent

9530

9532

9568

9573

Design features

- Available in three distinctive, two-tone color combinations: White Satin, Desert Sand, and Silver Granite, plus single-tone Alpine White
- All units are available in combined single-pole/3-way versions
- Replaces a standard switch and offers dimming capabilities
- Neutral is not required for installation of device
- Dimmers can be adjusted with or without the lights on; preset feature returns the light level to its prior setting without readjustment
- Electrostatic discharge protection
- Incandescent/halogen and magnetic low-voltage offered in single unit versions
- Power failure memory
- Square law dimming—perceived dimming level is proportional to the slider position
- Durable top and backbody for long reliable performance
- Switch has quiet, smooth actuation
- Title 24 compliant

Slide dimmers

Rating W	Rating V/AC	Description	Neutral	Color suffix	Catalog no.	TITLE 24
600	120	Incandescent/halogen, magnetic low-voltage dimmer, single-pole /3-way with preset	N	AW, DS, SG, WS	☐ 9530__	•
		Electronic low-voltage dimmer, single-pole/3-way with preset	N	AW, DS, SG, WS	☐ 9531__	•
1000	120	Incandescent/halogen, magnetic low-voltage dimmer, single-pole /3-way with preset	N	AW, DS, SG, WS	☐ 9532__	•
		Electronic low-voltage dimmer, single-pole/3-way with preset	N	AW, DS, SG, WS	☐ 9533__	•

cULus Listed to UL1472, file no. E47967; NOM certified

Fluorescent dimmers

A	Rating W/VA	V/AC	Description	Neutral	Color suffix	Catalog no.	TITLE 24
8	1000	120	Fluorescent dimmer, single-pole/3-way with preset Mark 10®,AmbiStar® & Tu-Wire® compatible	Y	AW, DS, SG, WS	☐ 9568__	•
		277	Fluorescent dimmer, single-pole/3-way with preset Mark 10®, compatible	Y	AW, DS, SG, WS	☐ 95687__	•

cULus Listed to UL1472, file no. E47967; NOM certified

LED & compact fluorescent dimmers

Rating W	Rating V/AC	Description	Neutral	Color suffix	Catalog no.	TITLE 24
300	120	LED/CFL, single-pole/3-way	Y	AW, DS, SG, WS	☐ 9573__	•
600	120	Incandescent/halogen	Y			

For a list of compatible dimmable LED & CFL lamps and fixtures, see product page at
cULus Listed to UL1472, file no. E47967; NOM certified

Color ordering information:

For ordering devices, include Catalog no. followed by the Color suffix: AW (Alpine White), DS (Desert Sand), SG (Silver Granite), WS (White Satin)

AW AW	DS DS	SG SG	WS WS
(Alpine White)	(Desert Sand)	(Silver Granite)	(White Satin)

Derated information: G-19 **Dimensional information:** A-42
Compliances, specifications and availability are subject to change without notice.

TITLE 24 Indicates Title 24 compliant - Page G-4

Fan speed controls

Product description

Single-pole & 3-way
1.5A or 5A 120V/AC
3-speed or fully variable

9543

Design features

- Quiet fan speed controls versions have special circuitry to reduce fan motor noise at low speeds
- Available in three distinctive, two-tone color combinations: White Satin, Desert Sand, and Silver Granite, plus single-tone Alpine White
- All units are available in combined single-pole/3-way versions
- Replaces a standard switch and adds fan control capabilities
- Neutral is not required for installation of device
- Electrostatic discharge protection
- Radio frequency interface filtering is standard on all models
- Power failure memory
- Virtually unbreakable top and backbody
- Switch has quiet, smooth actuation
- Easy-access ground screws
- Tri-combo screws accept Slotted, Phillips, and Robertson-head tools for installation flexibility

Fan speed controls

Rating A	V/AC	Description	Color suffix	Catalog no.
1.5	120	Quiet 3-speed fan control, single-pole/3-way, side wire	AW, DS, SG, WS	☐ 9544__
5	120	Fully variable fan speed control, single-pole/3-way, side wire	AW, DS, SG, WS	☐ 9543__

cULus Listed to UL1917, file no. E202842; NOM certified

Color ordering information:

For ordering devices, include Catalog no. followed by the Color suffix: AW (Alpine White), DS (Desert Sand), SG (Silver Granite), WS (White Satin)

AW	AW	DS	DS	SG	SG	WS	WS
(Alpine White)		(Desert Sand)		(Silver Granite)		(White Satin)	

Derated information: G-19 **Dimensional information:** A-42
Compliances, specifications and availability are subject to change without notice.

Timers

Product description

Single-pole
15A, 120V/AC; 1800W
Incandescent/halogen, magnetic low-voltage, electronic low-voltage, fluorescent, compact fluorescent, LED

9591

Design features

- Perfect for both new construction and retrofit with no neutral required for installation
- Available in both hours and minutes versions
- Five (5) preset time intervals
- Easily programmable to alternate time intervals to suit your needs
- Color change faceplate kits available
- Works with all popular load types: incandescent/halogen, magnetic low-voltage, electronic low-voltage, fluorescent, compact fluorescent, and LED
- Horsepower rated for 1/4 HP motor loads
- LED indication of time interval selected and countdown

Timers

Rating A	Rating V/AC	W	Description	Color suffix	Catalog no.
15	120	1800	5-button minute timer with OFF button, single-pole	AW, DS, SG, WS, C1, C2, C3	☐ 9590__
			5-button hour timer with OFF button, single-pole	AW, DS, SG, WS, C1, C2, C3	☐ 9591__

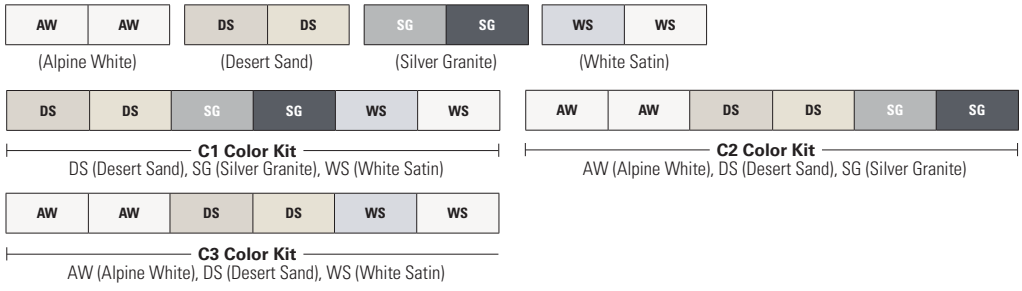
cULus Listed to UL60730-1A & 60730-2-7, file no. E325082; certified to CSA E60730-1:02 & E60730-2-9:01; NOM certified

Color change kits for Aspire timers

Description	Color suffix	Catalog no.
Color change kit 1 (5,10,15,30,60) for minute timer	AW, DS, SG, WS	☐ 951MK__-P
Color change kit 2 (5,10,20,30,60) for minute timer	AW, DS, SG, WS	☐ 952MK__-P
Color change kit 3 (5,15,30,45,60) for minute timer	AW, DS, SG, WS	☐ 953MK__-P
Color change kit 4 (1,5,10,15,30) for minute timer	AW, DS, SG, WS	☐ 954MK__-P
Color change kit 5 (1,10,15,20,30) for minute timer	AW, DS, SG, WS	☐ 955MK__-P
Color change kit 1 (1,2,4,8,12) for hour timer	AW, DS, SG, WS	☐ 951HK__-P
Color change kit 2 (1,3,6,9,12) for hour timer	AW, DS, SG, WS	☐ 952HK__-P
Color change kit 3 (2,4,8,12,24) for hour timer	AW, DS, SG, WS	☐ 953HK__-P
Color change kit 4 (30,1,2,4,8) for hour timer	AW, DS, SG, WS	☐ 954HK__-P
Color change kit 5 (15,30,1,2,4) for hour timer	AW, DS, SG, WS	☐ 955HK__-P

Color ordering information:

For ordering devices, include Catalog no. followed by the Color suffix: AW (Alpine White), DS (Desert Sand), SG (Silver Granite), WS (White Satin), C1 (Color Change Kit: DS, SG, WS), C2 (Color Change Kit: AW, DS, SG), C3 (Color Change Kit: AW, DS, WS)



Dimensional information: A-42
Compliances, specifications and availability are subject to change without notice.

Switches

Product description

Single-pole, 3-way, 4-way
15A, 120/277V/AC
20A, 120/277V/AC

9503

9504

Design features

- Available in three distinctive, two-tone color combinations: White Satin, Desert Sand, and Silver Granite, plus single-tone Alpine White
- 120/277V/AC rating ideal for fluorescent lighting fixtures typical in commercial applications
- Virtually unbreakable, ultrasonically welded top and back body
- Long, broad mounting strap virtually eliminates floating installations
- Easy-access ground screws
- Tri-combo screws accept Slotted, Phillips, and Robertson-head tools for installation flexibility
- Push-in terminals accept #14 AWG solid wire
- Backwire clamps (4-way models only) on the side terminals provide for easy installation of #12 and #14 AWG wire

Switches

Rating A	Rating V/AC	Description	Color suffix	Catalog no.
15	120/277	Single-pole, side wire & push wire	AW, DS, SG, WS	☐9501__
		3-way, side wire & push wire	AW, DS, SG, WS	☐9503__
		4-way, back wire & push wire	AW, DS, SG, WS	☐9504__*
20	120/277	Single-pole, side wire & push wire	AW, DS, SG, WS	☐9515__
		3-way, side wire & push wire	AW, DS, SG, WS	☐9516__

cULus Listed to UL20, file no. E18704
* UL verified to Federal Spec. WC-896E; NOM certified

Color ordering information:

For ordering devices, include Catalog no. followed by the Color suffix: AW (Alpine White), DS (Desert Sand), SG (Silver Granite), WS (White Satin)

AW	AW	DS	DS	SG	SG	WS	WS
(Alpine White)		(Desert Sand)		(Silver Granite)		(White Satin)	

Dimensional information: A-42
Compliances, specifications and availability are subject to change without notice.

Aspire coordinating screwless wallplates

Product description

Mid-size thermoplastic

9521

9522

Design features

- Available in three distinctive colors to coordinate with the rest of the Aspire product line: Desert Sand, Silver Granite and White Satin (select White Satin wallplates for Alpine White devices)
- Screwless wallplates clip smoothly into place with gentle pressure
- Clearly marked top edges make mounting wallplates easy to orient and attach
- Virtually unbreakable polycarbonate construction
- Standard decorator style opening
- Mid-size to cover wall imperfections and large wallboard openings
- Wallplates appear to float freely on the surface of the wall, framing every device beautifully
- Screw-catch feature holds backplate mounting screws captive for ease of installation

Mid-size screwless wallplates

Description	Color suffix	Catalog no.
1-Gang Aspire wallplate	DS, SG, WS	☐ 9521__
2-Gang Aspire wallplate	DS, SG, WS	☐ 9522__
3-Gang Aspire wallplate	DS, SG, WS	☐ 9523__
4-Gang Aspire wallplate	DS, SG, WS	☐ 9524__
5-Gang Aspire wallplate	DS, SG, WS	☐ 9525__
6-Gang Aspire wallplate	DS, SG, WS	☐ 9526__

cULus Listed to UL5154D, file no. E33216

Color ordering information:

For ordering devices, include Catalog no. followed by the Color suffix: DS (Desert Sand), SG (Silver Granite), WS (White Satin)

DS DS	SG SG	WS WS
(Desert Sand)	(Silver Granite)	(White Satin)

Compliances, specifications and availability are subject to change without notice.

Dimmers & lighting controls

Dimmers

From the latest in decorator styles to timeless traditional styles, Eaton dimmers offer an extensive array of forms and options to seamlessly create ambiance and reduce energy consumption without compromising aesthetics, features or performance. Eaton also includes dimmers for fluorescent, compact fluorescent and LED loads.

Dimmer families

All load & smart dimmers

A-24

Decorator dimmers & fan controls

A-26

Slide dimmers & fan controls

A-27

Toggle dimmers & fan controls

A-28

Rotary dimmers & fan controls

A-29

Fan speed controls & power extenders

A-30, A-31

Dimmer colors

Almond

Black

Brown

Gray

Ivory

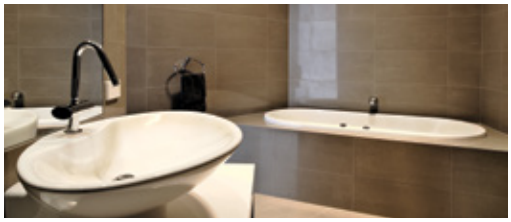
Lt. Almond

White

The Eaton difference

- Single-pole & 3-way combined in a single unit for most models
- Dimmers are available for the following light load types: incandescent/halogen, magnetic low-voltage, electronic low-voltage, fluorescent, compact fluorescent and LED
- Wide offering of "no neutral required for installation" models
- Solid state dimming at full rated wattage capacities for energy savings and lamp life extension
- Voltage compensation on fluorescent-capable dimmers for flicker-free dimming
- Dimmer electronics have built-in surge protection
- Air-gap switches give easy power disconnection for safe re-lamping
- Power-failure memory returns lights to their previous state after a power outage
- Electronic circuitry is protected from static discharge
- Some decorator dimmers feature LED locator lights; lighted rotary and toggle version dimmers are also available
- Line of Title 24 compliant dimmers and fan speed controls

Specific dimmer solutions for today's needs



Energy savings

Both microprocessor-controlled and mechanical dimmers are available, that can provide energy savings in addition to ambiance.

See pages A-24 to A-29

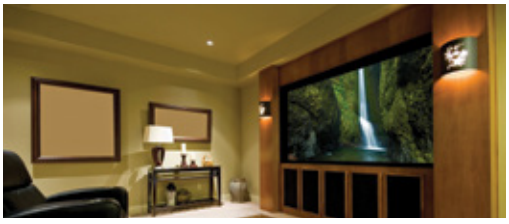
Shown:
SAL06P-W

Flexibility

With multiple decorator designs, toggle options, and color choices it's easy to replace an existing switch and maintain a pleasing aesthetic in single-gang or multi-gang installations.

See pages A-24 to A-30

Shown:
DAL06P-C1



Convenience & automation

Microprocessor controlled "smart" dimmers offer a variety of additional features like soft-ON, fade-OFF, delayed-OFF, and full-bypass-ON for even greater aesthetics and comfort.

See pages A-24, A-25

Shown:
AAL06-C2

All load dimmers

Product description

Single-pole & multi-location
600W/VA, 1000W/VA, 120V/AC
Rated for all common lighting loads - Dimmable LED, Dimmable CFL, INC/HAL, ELV, MLV, FLR

AAL06

DAL06P

SAL06P

TAL06P

Design features

- Electro-mechanical push pad for ON/OFF operation with separate DIM/BRIGHT bar (AAL06)
- 10-second delayed OFF feature (AAL06)
- LED light level display for presetting illumination levels and master/accessory units for multi-location control (AAL06)
- Adjustable low-end and high-end dimming range to prevent lamp flickering (AAL06)
- No de-rating required for CFL/LED in multi-gang installations (AAL06)
- No de-rating required in multi-gang installations (DAL06P, SAL06P, TAL06P1)
- Preset feature allows user to return to previous light level when turning lights ON (AAL06, DAL06P, SAL06P, TAL06P1)
- Adjustable low-end trim (AAL06, DAL06P, SAL06P, TAL06P1)
- Fully adjustable rapid start setting for optimal lamp start-up at low preset light levels (AAL06, DAL06P, TAL06P1)
- Each dimmer comes with color kit package which includes 3 colors (except SAL06P)
- Title 24 compliant

Dimmer features	Smart AL dimmer (AAL06)	Decorator AL dimmer (DAL06P)	Slide AL dimmer (SAL06P)	Toggle AL dimmer (TAL06P1)
Rapid start feature	Selectable ON or OFF	Fully adjustable	Fixed ON	Fully adjustable
Adjustable high-end trim	•	—	—	—
Adjustable low-end trim	•	•	•	•
Wiring configurations	Single-pole or multi-location	Single-pole or 3-way	Single-pole or 3-way	Single-pole or 3-way
Color change kits	•	•	—	•

Rated for all common lighting loads

- Dimmable Compact Fluorescent (CFL)
- Dimmable Light-Emitting Diodes (LED)
- Electronic & Magnetic Low-Voltage (ELV)
- Incandescent/Halogen (INC/HAL)
- Fluorescent (FLR)

All load dimmers

Rating W/AC	Rating V/AC	Compatible lamp types	Description	Color suffix	Catalog no.	TITLE 24
300	120	Dimmable LED/CFL	Smart dimmer master, single-pole/multi-location with presets and LEDs, neutral required	C1, C2, C4, C5	☐ AAL06-__	•
600	120	INC, HAL, FLR, MLV, ELV				
300	120	Dimmable LED/CFL	Decorator dimmer, single-pole/3-way, preset	C1, C2, C4, C5	☐ DAL06P-__	•
600	120	INC, HAL, FLR, MLV, ELV				
300	120	Dimmable LED/CFL	Slide dimmer, single-pole/3-way with preset & LED indicator	A, BK, GY, LA, V, W	☐ SAL06P-__	•
600	120	INC, HAL, FLR, MLV, ELV				
300	120	Dimmable LED/CFL	Toggle dimmer, single-pole/3-way preset	C1, C2, C4, C5	☐ TAL06P1-__	•
600	120	INC, HAL, FLR, MLV, ELV				

Color ordering information:

For ordering devices, include Catalog no. followed by the Color suffix: A (Almond), BK (Black), GY (Gray), LA (Light Almond), V (Ivory), W (White), C1 (Color Change Kit: A, W, V), C2 (Color Change Kit: LA, W, V), C4 (Color Change Kit: BK, W, V), C5 (Color Change Kit: BK, W, GY)

A	BK	GY	LA	V	W
(Almond)	(Black)	(Gray)	(Lt. Almond)	(Ivory)	(White)

A	W	V	LA	W	V	BK	W	V	BK	W	GY
C1 Color Kit A (Almond), W (White), V (Ivory)			**C2 Color Kit** LA (Light Almond), W (White), V (Ivory)			**C4 Color Kit** BK (Black), W (White), V (Ivory)			**C5 Color Kit** BK (Black), W (White), GY (Gray)		

Derating information: G-19 **Dimensional information:** A-42, A-43
Mark 10® and AmbiStar® are registered trademarks of Philips Advance; Tu-Wire® is a registered trademark of Lutron.
Compliances, specifications and availability are subject to change without notice.

TITLE 24 Indicates Title 24 compliant - Page G-4

Smart dimmers

AIM10

ARD

Product description

Single-pole & multi-location
600W/VA, 1000W/VA, 120V/AC
Incandescent/halogen, magnetic low-voltage, electronic low-voltage, fluorescent, compact fluorescent, LED

Design features

- Electro-mechanical push pad for ON/OFF operation with separate DIM/BRIGHT bar
- Preset feature allows user to return to previous light setting when turning lights on
- LED light level display for presetting illumination levels and master/accessory units for multi-location control
- Amber LED at bottom of LED display indicates ON/OFF load status
- Offers a 10 second delayed-off feature by pressing and holding push pad for 2 seconds when dimmer is ON
- Digital circuitry provides aesthetically pleasing soft-ON/fade-OFF that extends lamp life
- Compatible with any decorator wallplate
- Adjustable low end trim
- Fully adjustable rapid start setting to ensure lights start even at lower preset levels
- Title 24 compliant (except AIM10)

Smart dimmers, wire leads

Rating W/AC	Rating V/AC	Compatible lamp types	Description	Color suffix	Catalog no.	TITLE 24
1000	120	INC, HAL, MLV	Smart dimmer master, presets	A, B, BK, GY, LA, V, W, C1, C2	☐ AIM10-__	
		FLR	Smart dimmer master with presets, Mark 10®, AmbiStar® & Tu-Wire® compatible, neutral required	A, B, BK, GY, LA, V, W, C1, C2	☐ AF10-__	•
—	—	—	Master dimmer color change faceplate	A, B, BK, GY, LA, V, W	☐ AMC-__-BP	
—	—	—	Accessory dimmer, multi-location with presets and LEDs; must be used with AAL06, AIM10 or AF10	A, B, BK, GY, LA, V, W, C1, C2	☐ ARD-__	
—	—	—	Accessory dimmer color change faceplate	A, B, BK, GY, LA, V, W	☐ ARC-__-BP	

Color ordering information:

For ordering devices, include Catalog no. followed by the Color suffix: A (Almond), B (Brown), BK (Black), GY (Gray), LA (Light Almond), V (Ivory), W (White), C1 (Color Change Kit: A, W, V), C2 (Color Change Kit: LA, W, V), C4 (Color Change Kit: BK, W, V), C5 (Color Change Kit: BK, W, GY)

A	B	BK	GY	LA	V	W
(Almond)	(Brown)	(Black)	(Gray)	(Lt. Almond)	(Ivory)	(White)

A W V	LA W V	BK W V	BK W GY
C1 Color Kit	**C2 Color Kit**	**C4 Color Kit**	**C5 Color Kit**
A (Almond), W (White), V (Ivory)	LA (Light Almond), W (White), V (Ivory)	BK (Black), W (White), V (Ivory)	BK (Black), W (White), GY (Gray)

Derating information: G-19 **Dimensional information:** A-42
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Compliances, specifications and availability are subject to change without notice.

TITLE 24 Indicates Title 24 compliant - Page G-4

Decorator dimmers

Product description

Single-pole & 3-way
1000W/VA, 1200W/VA, or 8A; 120V/AC or 277V/AC
Incandescent/halogen, magnetic low-voltage, electronic low-voltage, fluorescent, compact fluorescent, LED

DF8AP

DF10P

Design features

- Preset feature allows user to return to previous light setting when turning lights on
- Integrated linear slide control for easy, precise operation
- All units are available in combined single-pole/3-way versions
- Device can be wired into either 3-way location (load side or line side)
- Neutral is not required for installation of device
- Replaces a standard switch and offers dimmer capabilities
- Square law dimming—perceived dimming level is proportional to the slider position
- Power failure memory
- Electrostatic discharge protection
- Precise color matching to match room decor
- Compatible with any decorator wallplate
- Adjustable high-end trim
- Title 24 compliant

Dimmers, back & side wire

Rating W/AC	V/AC	Compatible lamp types	Description	Color suffix	Catalog no.	TITLE 24
1000	120	INC, HAL, MLV	Incandescent/halogen, magnetic low-voltage dimmer, single-pole/3-way with preset	A, B, BK, GY, LA, V, W	☐ DI10P-__	•

cULus Listed to UL1472, file no. E47967; NOM certified

Fluorescent dimmers, back & side wire

Rating W/VA	V/AC	Description	Color suffix	Catalog no.	TITLE 24
1000	120	Fluorescent dimmer; single-pole/3-way with preset; Mark 10®, AmbiStar® & Tu-Wire® compatible	A, B, BK, GY, LA, V, W	☐ DF8AP-__	•
1000	277	Fluorescent dimmer, single-pole/3-way with preset, Mark 10® compatible	A, B, BK, GY, LA, V, W	☐ DF8AP7-__	•

cULus Listed to UL1472, file no. E47967; NOM certified

0-10V Dimmer, back & side wire

Rating Watt	V/AC	Compatible lamp types	Description	Color suffix	Catalog no.	TITLE 24
1200	120	Dimmable LED/FLR 0-10V ballasts	Decorator dimmer, single-pole/3-way, preset	C1, C2, C4, C5	☐ DF10P-__	•
1600	277					
—	—	—	Color change faceplate for DF10P	A, BK, GY, LA, V, W	☐ DCK1-__	

cULus Listed to UL1472, file no. E47967; NOM certified

Color ordering information:

For ordering devices, include Catalog no. followed by the Color suffix: A (Almond), B (Brown), BK (Black), GY (Gray), LA (Light Almond), V (Ivory), W (White), C1 (Color Change Kit: A, W, V), C2 (Color Change Kit: LA, W, V), C4 (Color Change Kit: BK, W, V), C5 (Color Change Kit: BK, W, GY)

A	B	BK	GY	LA	V	W
(Almond)	(Brown)	(Black)	(Gray)	(Lt. Almond)	(Ivory)	(White)

A	W	V	LA	W	V	BK	W	V	BK	W	GY
C1 Color Kit A (Almond), W (White), V (Ivory)			**C2 Color Kit** LA (Light Almond), W (White), V (Ivory)			**C4 Color Kit** BK (Black), W (White), V (Ivory)			**C5 Color Kit** BK (Black), W (White), GY (Gray)		

Derating information: G-19 **Dimensional information:** A-42
Mark 10® and AmbiStar® are registered trademarks of Philips Advance; Tu-Wire® is a registered trademark of Lutron.
Compliances, specifications and availability are subject to change without notice.

TITLE 24 Indicates Title 24 compliant - Page G-4

Slide dimmers

Product description

Single-pole & 3-way
600W/VA, 1000W/VA, 1200W/VA. 1600W/VA, 120V/AC or 277V/AC
Incandescent/halogen, magnetic low-voltage, electronic low-voltage, fluorescent, compact fluorescent, LED

SI061-V

SF10P

Design features

- Preset feature allows user to return to previous light setting when turning lights ON
- Integrated full slide control for easy, precise operation
- Preset versions can be wired as single-pole or 3-way
- Device can be wired into either 3-way location (load side or line side)
- Green LED softly illuminates when device is off, acting as a night light (preset versions only)
- Neutral is not required for installation of device
- Replaces a standard switch and offers dimmer capabilities
- Square Law Dimming—perceived dimming level is proportional to the slider position
- Power failure memory
- Electrostatic discharge protection
- Precise color matching
- Compatible with any decorator wallplate
- Adjustable high-end trim (SF10P)
- Title 24 compliant (except SI06P, SI10P)

Dimmers, back & side wire

Rating W	V/AC	Compatible lamp types	Description	Color suffix	Catalog no.	TITLE 24
600	120	Incandescent/halogen	Dimmer, single-pole non-preset	A, B, BK, GY, LA, V, W	☐ SI061-__	•
		Incandescent/halogen, magnetic low-voltage	Dimmer, single-pole/3-way with preset & LED indicator	B, LA, V, W	☐ SI06P-__	
1000	120	Incandescent/halogen, magnetic low-voltage	Dimmer, single-pole/3-way with preset & LED indicator	A, B, BK, GY, LA, V, W	☐ SI10P-__	

cULus Listed to UL1472, file no. E47967; NOM certified

Fluorescent dimmers, back & side wire

Rating W/VA	V/AC	Description	Color suffix	Catalog no.	TITLE 24
1000	277	Fluorescent dimmer, single-pole/3-way with preset & LED indicator, Mark 10® compatible	A, B, BK, GY, LA, V, W	☐ SF8AP7-__	•

cULus Listed to UL1472, file no. E47967; NOM certified

0-10V Dimmer, back & side wire

Rating Watt	V/AC	Compatible lamp types	Description	Color suffix	Catalog no.	TITLE 24
1200	120	Dimmable LED/FLR 0-10V ballasts	Slide dimmer, single-pole/3-way, preset	A, B, BK, GY, LA, V, W	☐ SF10P-__	•
1600	277					

cULus Listed to UL1472, file no. E47967; NOM certified

Color ordering information:

For ordering devices, include Catalog no. followed by the Color suffix: A (Almond), B (Brown), BK (Black), GY (Gray), LA (Light Almond), V (Ivory), W (White)

A	B	BK	GY	LA	V	W
(Almond)	(Brown)	(Black)	(Gray)	(Lt. Almond)	(Ivory)	(White)

Derating information: G-19 **Dimensional information:** A-42
Compliances, specifications and availability are subject to change without notice.

TITLE 24 Indicates Title 24 compliant - Page G-4

Toggle dimmers & fan speed controls

Product description

Single-pole & 3-way
300W/600W or 1000W; 5A; 120V/AC
Incandescent/halogen,magnetic low-voltage, electronic low-voltage, fluorescent, compact fluorescent, LED

TI061

TI061L

Design features

- Integrated toggle switch for ON/OFF and DIM/BRIGHT operation (non-present version)
- Single-pole and 3-way wiring offered in a single unit
- Matches existing wall switches
- Replaces a standard switch and offers dimmer capabilities
- Fully variable fan control allows for precise fan speed setting
- Power failure memory for enhanced convenience
- Precise color matching to match room decor
- Compatible with any traditional toggle switch wallplate or screwless toggle wallplate
- Title 24 compliant (except TFS5)

Incandescent/halogen dimmers

Rating W	V/AC	Description	Color suffix	Catalog no.	TITLE 24
600	120	Incandescent/halogen dimmer, single-pole/3-way non-preset	A, B, BK, LA, V, W	☐ TI061-__	•
		Lighted incandescent/halogen dimmer, single-pole/3-way non-preset	N/A (Clear)	☐ TI061L	•
1000	120	Incandescent/halogen dimmer, single-pole/3-way non-preset	A, B, BK, LA, V, W	☐ TI3101-__	•
		Lighted incandescent/halogen dimmer, single-pole/3-way non-preset	N/A (Clear)	☐ TI3101L	•

cULus Listed to UL1472, file no. E47967 & CSA C22.2 no. 18

Fan speed controls

Rating A	V/AC	Description	Color suffix	Catalog no.
5	120	Fully variable fan speed control, single-pole non-preset, wire leads	A, B, BK, GY, LA, V, W	☐ TFS5-__

cULus Listed to UL1917, file no. E202842 & CSA C22.2 no. 156; NOM certified

Color ordering information:

For ordering devices, include Catalog no. followed by the Color suffix: A (Almond), B (Brown), BK (Black), GY (Gray), LA (Light Almond), V (Ivory), W (White)

A	B	BK	GY	LA	V	W
(Almond)	(Brown)	(Black)	(Gray)	(Lt. Almond)	(Ivory)	(White)

Derating information: G-19 **Dimensional information:** A-43
Compliances, specifications and availability are subject to change without notice.

TITLE 24 Indicates Title 24 compliant - Page G-4

Rotary dimmers & fan speed controls

Product description

Single-pole & 3-way
1.5A or 5A 120V/AC; combo 1.5A/300W
3-speed or fully variable

RI061

RDC15

Design features

- Integrated rotary dial for ON/OFF and DIM/BRIGHT operation
- Preset versions offer single-pole and 3-way wiring in a single unit
- Neutral is not required for installation of device
- Fully variable fan control allows for precise fan speed setting
- Quiet 3-speed fan control allows for low, medium, and high fan speed settings
- Precise color matching to match room decor
- Compatible with any traditional switch wallplate or screwless toggle wallplate
- Title 24 compliant (except RFS15 and RFS5)

Incandescent/halogen dimmers

Rating W	V/AC	Description	Color suffix	Catalog no.	TITLE 24
600	120	Incandescent/halogen dimmer, single-pole non-preset	A, LA, V, W	☐ RI061-__	•
		Incandescent/halogen dimmer, single-pole/3-way with preset	A, LA, V, W	☐ RI06P-__	•
1000	120	Lighted incandescent/halogen dimmer, single-pole/3-way with preset	A, LA, V, W	☐ RI06PL-__	•
		Incandescent/halogen dimmer, single-pole non-preset	A, LA, V, W	☐ RI101-__	•

cULus Listed to UL1472, file no. E47967 & CSA C22.2 no. 184.1; NOM certified

Combination fan speed control/dimmer & fan speed controls

Rating W	A	V/AC	Description	Color suffix	Catalog no.	TITLE 24
300	1.5	120	Combined, quiet 3-speed fan control & dimmer, single-pole non-preset, incandescent/halogen	A, LA, V, W	☐ RDC15__	•
300	2.5	120	Combined, quiet 3-speed fan control & dimmer, single-pole non-preset, incandescent/halogen	A, LA, V, W	☐ RDC25__	•
300	1.5	120	Quiet 3-speed fan control, single-pole non-preset, wire lead	A, LA, V, W	☐ RFS15-__	
300	5	120	Fully variable fan speed control, single-pole non-preset	A, LA, V, W	☐ RFS5-__	

cULus Listed to UL1917, file no. E202842 & CSA C22.2 no. 156

Replacement knobs for rotary dimmers & fan speed controls

Description	Color suffix	Catalog no.
Replacement knob for lighted rotary dimmer RI06PL	A, B, BK, GY, LA, V, W	☐ RKRL-__-BP
Replacement knob for rotary dimmers RI061, RI06P & RI101	A, B, BK, GY, LA, V, W	☐ RKRD-__-BP
Replacement knobs for rotary fan controls RFS15 & RFS5	A, B, BK, GY, LA, V, W	☐ RKRC-__-BP

Color ordering information:

For ordering devices, include Catalog no. followed by the Color suffix: A (Almond), B (Brown), BK (Black), GY (Gray), LA (Light Almond), V (Ivory), W (White)

A	B	BK	GY	LA	V	W
(Almond)	(Brown)	(Black)	(Gray)	(Lt. Almond)	(Ivory)	(White)

Derating information: G-19 **Dimensional information:** A-43
Compliances, specifications and availability are subject to change without notice.

TITLE 24 Indicates Title 24 compliant - Page G-4

Fan speed controls

Product description

Single-pole & 3-way
1.5A or 5A 120V/AC; combo 1.5A/300W
3-speed or fully variable

DFS15P

SFS5P

SDC15

Design features

- Quiet fan speed control versions have special circuitry to reduce fan motor noise at low speeds
- Combined single-pole/3-way versions are available
- Replaces a standard switch and offers dimming and/or fan speed control capabilities
- Neutral is not required for installation of device
- Electrostatic discharge protection
- Power failure memory
- Virtually unbreakable top and backbody
- Switch has quiet, smooth actuation
- Easy-access ground screws
- Compatible with any decorator wallplate

Decorator fan speed control

Rating A	V/AC	Description	Color suffix	Catalog no.
1.5	120	Quiet 3-speed fan control, single-pole/3-way with preset	A, B, BK, GY, LA, V, W	☐ DFS15P-__

cULus Listed to UL1917, file no. E202842; NOM certified

Slide fan speed controls

Rating A	V/AC	Description	Color suffix	Catalog no.
1.5	120	1.5A quiet 3-speed fan control, single-pole/3-way with preset	A, B, BK, GY, LA, V, W	☐ SFS15P-__
5	120	5A fully variable fan speed control, single-pole/3-way with preset	A, B, BK, GY, LA, V, W	☐ SFS5P-__

cULus Listed to UL1917, file no. E202842; NOM certified

Slide combination fan speed control & dimmer

Rating A	V/AC	W	Description	Color suffix	Catalog no.	TITLE 24
1.5	120	300	Combined 1.5A quiet 3-speed fan control & 300W dimmer, single-pole, incandescent/halogen	A, B, BK, GY, LA, V, W	☐ SDC15-__	•

cULus Listed to UL1917, file no. E202842; NOM certified

Color ordering information:

For ordering devices, include Catalog no. followed by the Color suffix: A (Almond), B (Brown), BK (Black), GY (Gray), LA (Light Almond), V (Ivory), W (White)

A	B	BK	GY	LA	V	W
(Almond)	(Brown)	(Black)	(Gray)	(Lt. Almond)	(Ivory)	(White)

Compliances, specifications and availability are subject to change without notice.

TITLE 24 Indicates Title 24 compliant - Page G-4

Power extenders

Product description

1920W/VA
Incandescent, halogen, magnetic low-voltage, fluorescent, neon/cold cathode

P19-W

Design features

- Aluminum heat sink with snap-on cover (P19-W and PF19-W)
- P19-W and PF19-W can be surface- or flush-mounted using 1900 Box and 2-Gang raised cover
- Extends the capacity of dimmers and emulates connected dimmers in dimming range and resolution
- Low-end trim setting for minimum brightness level

Power extenders

Rating W/VA	Description	Color	Catalog no.
1920	For incandescent/halogen, magnetic low-voltage, neon cold cathode, back wire	W	☐ P19-W
	For dimmable fluorescent ballasts, Mark 10® & Tu-Wire® compatible, back wire	W	☐ PF19-W

Color ordering information:

W (White)

W

(White)

Dimensional information: A-43
Compliances, specifications and availability are subject to change without notice.

Occupancy & vacancy sensors

The lighting controls that deliver the greatest energy savings are occupancy and vacancy sensors. Eaton sensors are ideal for any application with universal load and wiring compatibility, selectable, and dimmable nightlight option on most models, unparalleled mode features, plus all Eaton sensors are available as either occupancy or vacancy types.

Occupancy & vacancy sensor families

Dimmer sensors

A-34

Dual switch sensors with nightlight

A-35

Switch sensors with nightlight

A-36

Standard series switch sensors

A-37

Occupancy & vacancy sensor colors

Almond

Black

Gray

Ivory

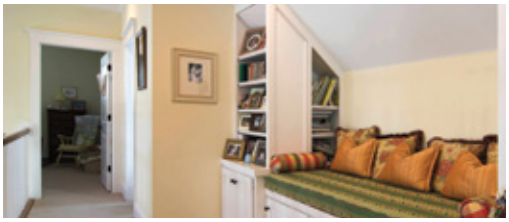
Lt. Almond

White

The Eaton difference

- Title 24 compliant occupancy and vacancy sensors are available for flexibility
- Single-pole & 3-way combined in a single unit in non-dimming sensor switches
- Sensors are available for the following light load types: incandescent/halogen, magnetic low-voltage, electronic low-voltage, fluorescent, compact fluorescent and LED
- Nightlights are dimmable plus have selectable ON/OFF modes
- Ambient light override feature keeps lights from turning on if sufficient light is already present for greater energy savings
- Color change kits available in most models for enhanced aesthetics
- Most sensors offer electronic ballast compatibility
- Dimming sensors and dual switch sensor models available
- Easily replaces a standard light or fan switch

Specific occupancy & vacancy sensor solutions for today's needs



Advanced energy savings

Step up to the next level in energy savings with occupancy or vacancy sensors that offer dimming capabilities for maximum ambiance control with the most energy savings.

See page A-34

Shown: OS106D1-W

Integrated nightlights

Switches with integrated nightlights are ideal for children's rooms with a dimmable light level, selectable ON/OFF and operation independent of the sensing function.

See pages A-34, A-36

Shown: OS310U-BK

Dual switch sensors

Dual relay sensors are the perfect solution for single point control of two loads from one location, offering even more energy saving opportunities and flexibility than ever.

See page A-35

Shown: OS310R-V

Dimming motion sensors

Product description

Single-pole
600W/VA; 120V/AC
Incandescent/halogen, magnetic low-voltage

OS106D1

Design features

- Full-range preset dimming control provided with horizontal DIM/BRIGHT bar
- Digital circuitry provides aesthetically pleasing soft ON/fade OFF that extends bulb life
- Preset and light level change is easily shown with horizontal row of green LEDs
- Works with popular load types: halogen, incandescent and magnetic low-voltage
- Green LED indicates load status, provides locator light in dark and blinks to indicate motion detection
- LED serves as air-gap switch disconnecting power from load, forcing an OFF condition
- Push pad design provides minimal travel and crisp actuation
- Replaces a standard light switch
- Provides 180 degree field of view and 1000 sq. ft. of major motion coverage
- Selectable time delay of 5 seconds (test), 5 minutes, 15 minutes and 30 minutes for lights to remain ON after room is vacated
- Reverse mode allows light to stay OFF in a room when motion is detected
- Occupancy sensor provides a selectable ambient light override preventing lights from switching ON when there is acceptable natural light
- Occupancy sensor version allows toggling between Auto ON/Auto OFF or Manual ON /Auto OFF mode with a simple press and hold of switch
- Occupancy sensor provides for a bypass feature to allow the sensor to perform as a traditional switch (Manual ON/Manual OFF)
- Vacancy sensor meets California 2008 Title 24
- Electrostatic discharge protection
- No leakage to load in OFF mode
- Uniform color matched PIR lens to device housing
- Color change faceplate kits provide for a simple in field change
- Neutral required for installation of device
- Mid-size decorator wallplate included with product
- Title 24 compliant

Dimming motion sensors

Rating W/VA	V/AC	Description	Color suffix	Catalog no.	TITLE 24
600	120	Incandescent/halogen, magnetic low-voltage occupancy sensor & dimmer, single-pole with LED	A, BK, GY, LA, V, W	☐ OS106D1-__	•
		Incandescent/halogen, magnetic low-voltage vacancy sensor & dimmer, single-pole with LED	A, BK, GY, LA, V, W	☐ VS106D1-__	•

cULus Listed to UL244A & UL1472, file no. E325082; NOM certified

Dimmer color change kits

Description	Color suffix	Catalog no.
Color change kit for dimmer sensor	A, BK, GY, LA, V, W	☐ SCKD-__-BP

Color ordering information:

For ordering devices, include Catalog no. followed by the Color suffix: A (Almond), BK (Black), GY (Gray), LA (Light Almond), V (Ivory), W (White)

A	BK	GY	LA	V	W
(Almond)	(Black)	(Gray)	(Lt. Almond)	(Ivory)	(White)

Derating information: G-19 **Dimensional information:** A-43
Compliances, specifications and availability are subject to change without notice.

TITLE 24 Indicates Title 24 compliant - Page G-4

Dual relay motion sensors

OS310R

Product description

Single-pole & 3-way
600W/VA, 120V/AC; 1/6 HP Motor
Incandescent/halogen, magnetic low-voltage, electronic low-voltage, fluorescent, compact fluorescent, LED

Design features

- Can be wired as a single-pole or 3-way device
- Selectable ON/OFF LED nightlight with press and hold dimming function
- Works with all popular load types: incandescent, magnetic low-voltage, electronic low-voltage, fluorescent, CFL, and LED
- Contains two switches to control two independent lighting loads or circuits (light and/or fan)
- Green LED indicates load status, provides locator light in dark and blinks to indicate motion detection
- Replaces a standard light or fan switch
- Provides 180 degree field of view and 1000 sq. ft. of major motion coverage
- Provides 3-way operation when used with a 3-way switch or sensor
- Selectable time delay of 5 seconds (test), 5 minutes, 15 minutes and 30 minutes for lights to remain ON after room is vacated
- Reverse mode allows light to stay OFF in a room when motion is detected
- Occupancy sensors time delay default set to 5 minutes; vacancy sensors time delay default set to 30 minutes
- Occupancy sensor provides a selectable ambient light override preventing lights from switching ON when there is acceptable natural light
- Occupancy sensor version allows toggling between Auto ON/Auto OFF or Manual ON /Auto OFF mode with a simple press and hold of switch
- Occupancy sensor provides for a bypass feature to allow the sensor to perform as a traditional switch (Manual ON/Manual OFF)
- Vacancy sensor meets California 2008 Title 24
- No leakage to load in OFF mode
- Uniform color matched PIR lens to device housing
- Color change faceplate kits provide for a simple in field change
- Neutral required for installation of device
- Mid-size decorator wallplate included with product

Dual relay motion sensors

Rating W/VA	Rating V/AC	HP Motor	Description	Color suffix	Catalog no.
600	120	1/6	Incandescent/halogen, magnetic low-voltage, electronic low-voltage, fluorescent, compact fluorescent, & LED occupancy sensor dual switch; single-pole/3-way with nightlight & LED	A, BK, GY, LA, V, W	☐ OS310R-__
			Incandescent/halogen, magnetic low-voltage, electronic low-voltage, fluorescent, compact fluorescent, & LED vacancy sensor dual switch; single-pole/3-way with nightlight & LED	A, BK, GY, LA, V, W	☐ VS310R-__

cULus Listed to UL244A, file no. E325082; NOM certified

Dual-relay motion sensor color change kit

Description	Color suffix	Catalog no.
Color change kit for dual relay motion sensor	A, BK, GY, LA, V, W	☐ SCKR-__-BP

Color ordering information:

For ordering devices, include Catalog no. followed by the Color suffix: A (Almond), BK (Black), GY (Gray), LA (Light Almond), V (Ivory), W (White)

A	BK	GY	LA	V	W
(Almond)	(Black)	(Gray)	(Lt. Almond)	(Ivory)	(White)

Derating information: G-19 **Dimensional information:** A-43
Compliances, specifications and availability are subject to change without notice.

Motion sensors

Product description

Single-pole & 3-way
1000W/VA, 120V/AC; 1/6 HP Motor
Incandescent/halogen, magnetic low-voltage, electronic low-voltage, fluorescent, compact fluorescent, LED

VS310U

Design features

- Can be wired as a single-pole or 3-way device
- Selectable ON/OFF LED nightlight with press and hold dimming function
- Works with all popular load types: incandescent, magnetic low-voltage, electronic low-voltage, fluorescent, CFL, and LED
- Green LED indicates load status, provides locator light in dark and blinks to indicate motion detection
- Push pad design provides minimal travel and crisp actuation
- Replaces a standard light or fan switch
- Provides 180 degree field of view and 1000 sq. ft. of major motion coverage
- Provides 3-way operation when used with a 3-way switch or sensor
- Selectable time delay of 5 seconds (test), 5 minutes, 15 minutes and 30 minutes for lights to remain ON after room is vacated
- Occupancy sensors time delay default set to 5 minutes; vacancy sensor's time delay default set to 30 minutes
- Occupancy sensor provides a selectable ambient light override preventing lights from switching ON when there is acceptable natural light
- Occupancy sensor version allows toggling between Auto ON/Auto OFF or Manual ON /Auto OFF mode with a simple press and hold of switch
- Occupancy sensor provides for a bypass feature to allow the sensor to perform as a traditional switch (Manual ON/Manual OFF)
- Vacancy sensor meets California 2008 Title 24
- Electrostatic discharge protection
- No leakage to load in OFF mode
- Uniform color matched PIR lens to device housing
- Color change faceplate kits provide for a simple in field change
- Neutral required for installation of device
- Mid-size decorator wallplate included with product

Motion sensors

Rating W/VA	Rating V/AC	HP Motor	Description	Color suffix	Catalog no.
1000	120	1/6	Incandescent/halogen, magnetic low-voltage, electronic low-voltage, fluorescent, compact fluorescent, & LED occupancy sensor switch; single-pole/3-way with nightlight & LED	A, BK, GY, LA, V, W	☐ OS310U-__
			Incandescent/halogen, magnetic low-voltage, electronic low-voltage, fluorescent, compact fluorescent, & LED vacancy sensor switch; single-pole/3-way with nightlight & LED	A, BK, GY, LA, W	☐ VS310U-__

cULus Listed to UL244A, file no. E325082; NOM certified

Motion sensor color change kits

Description	Color suffix	Catalog no.
Color change kit for motion sensor	A, BK, GY, LA, V, W	☐ SCK1-__BP

Color ordering information:

For ordering devices, include Catalog no. followed by the Color suffix: A (Almond), BK (Black), GY (Gray), LA (Light Almond), V (Ivory), W (White)

A	BK	GY	LA	V	W
(Almond)	(Black)	(Gray)	(Lt. Almond)	(Ivory)	(White)

Dimensional information: A-43
Compliances, specifications and availability are subject to change without notice.

Motion sensors

Product description

Single-pole & 3-way
600W/VA, 120V/AC
Incandescent/halogen, magnetic low-voltage, electronic low-voltage, fluorescent, compact fluorescent, LED

VS306U-W

Design features

- Passive infrared technology
- Replaces a standard light or fan switch
- Sensors provide up to 180 degree field of view and 450 sq. ft. of major motion coverage
- No neutral required for installation of device
- Can be wired as a single-pole or 3-way device
- Works with nearly all load types
- Selectable time delay of 5 seconds to 30 minutes for lights to remain on after room is vacated
- Occupancy sensor provides a selectable ambient light override preventing lights from switching ON when there is acceptable natural light
- Electrostatic discharge protection
- No leakage to load in OFF mode
- Compact housing fits easily into a standard wall box and is suitable for multi-gang installations
- Compatible with decorator-style wallplates and Aspire screwless wallplates
- High-gloss finish complements any decor
- Title 24 compliant (Only VS306U)

Motion sensors

Rating W/VA	Rating V/AC	Description	Color suffix	Catalog no.	TITLE 24
600	120	Incandescent, halogen, fluorescent, MLV, ELV, LED, CFL occupancy switch sensor; single-pole/3-way; auto-ON	A, BK, GY, LA, V, W	☐ OS306U-__	
		Incandescent, halogen, fluorescent, MLV, ELV, LED, CFL vacancy sensor switch; single-pole/3-way; Title 24; manual ON	A, BK, GY, LA, V, W	☐ VS306U-__	•

Note: Sensors are rated for 120V/AC unless otherwise noted. cULus Listed to UL773A, file no. E191639

Color ordering information:

For ordering devices, include Catalog no. followed by the Color suffix: A (Almond), BK (Black), GY (Gray), LA (Light Almond), V (Ivory), W (White)

A	BK	GY	LA	V	W
(Almond)	(Black)	(Gray)	(Lt. Almond)	(Ivory)	(White)

Derating information: G-19 **Dimensional information:** A-43
Compliances, specifications and availability are subject to change without notice.

TITLE 24 Indicates Title 24 compliant - Page G-4

Timers

Timers control lights and fans with the touch of a button while ensuring the devices will not be left on. Using timers for landscape lighting, closets, attics, basements, garages and utility areas can lower energy costs and prevent lights being left on for days.

Timer families

Minute & hour timers

A-40

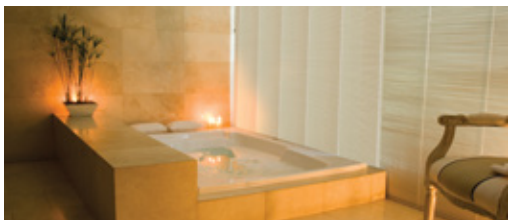
Timer colors

- Almond
- Black
- Brown
- Gray
- Ivory
- Lt. Almond
- White

The Eaton difference

- Programmable hour or minute time delay in 2 modes for preset groups or down to 1 minute increments
- Universal compatibility with all light load types: incandescent/halogen, magnetic low-voltage, electronic low-voltage, fluorescent, compact fluorescent and LED
- No neutral required for installation
- Rated for up to 1800W loads AC at 120V
- Aspire timers match the aesthetics of all Z-Wave and Aspire devices
- Available in all Aspire color combinations as well as 7 standard device colors, color change kits also available for quick changes

Specific timer solutions for today's needs

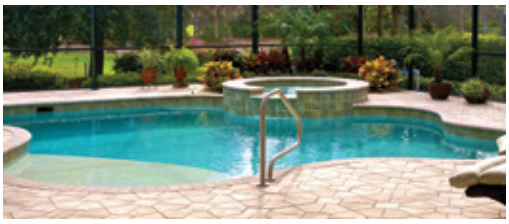


Bathroom controls

Timers are perfect for controlling fans, heat lamps or wall heaters, towel warming rails, radiant floor heating systems, whirlpool tubs, and saunas.

See page A-40

Shown:
PT18M



Pool, spa & outdoor areas

Power-hungry pool heaters and spa motors are ideal candidates for timed controls, as well as patio & landscape lighting, or driveway snow and ice-melting systems.

See page A-40

Shown:
PT18H

Minute and hour timers

Product description

Single-pole
15A, 120V/AC; 1800W
Incandescent/halogen, magnetic low-voltage, electronic low-voltage, fluorescent, compact fluorescent, LED

PT18M

PT18H

Design features

- Perfect for both new construction and retrofit with no neutral required for installation
- Available in both hours and minutes versions
- Five (5) preset time intervals
- Easily programmable to alternate time intervals to suit your needs
- Color change faceplate kits available
- Works with all popular load types: incandescent/halogen, magnetic low-voltage, electronic low-voltage, fluorescent, compact fluorescent, and LED
- Horsepower rated for 1/4 HP motor loads
- LED indication of time interval selected and countdown

Timers

Rating A	Rating V/AC	Rating W	Description	Color suffix	Catalog no.
15	120	1800	5-button minute timer with OFF, single-pole	A, B, BK, GY, LA, V, W, C1, C2	☐ PT18M__
			5-button hour timer with OFF, single-pole	A, B, BK, GY, LA, V, W, C1, C2	☐ PT18H__

cULus Listed to UL60730-1A & 60730-2-7, file no. E325082; certified to E60730-2-9:01; NOM certified

Color change kits for minute and hour timers

Description	Color suffix	Catalog no.
Color change kit 1 (5, 10, 15, 30, 60) for minute timer	A, BK, GY, LA, V, W	☐ PT1MK-__-P
Color change kit 2 (5, 10, 20, 30, 60) for minute timer	A, BK, GY, LA, V, W	☐ PT2MK-__-P
Color change kit 3 (5, 15, 30, 45, 60) for minute timer	A, BK, GY, LA, V, W	☐ PT3MK-__-P
Color change kit 4 (1, 5, 10, 15, 30) for minute timer	A, BK, GY, LA, V, W	☐ PT4MK-__-P
Color change kit 5 (1, 10, 15, 20, 30) for minute timer	A, BK, GY, LA, V, W	☐ PT5MK-__-P
Color change kit 1 (1, 2, 4, 8, 12) for hour timer	A, BK, GY, LA, V, W	☐ PT1HK-__-P
Color change kit 2 (1, 3, 6, 9, 12) for hour timer	A, BK, GY, LA, V, W	☐ PT2HK-__-P
Color change kit 3 (2, 4, 8, 12, 24) for hour timer	A, BK, GY, LA, V, W	☐ PT3HK-__-P
Color change kit 4 (30, 1, 2, 4, 8) for hour timer	A, BK, GY, LA, V, W	☐ PT4HK-__-P
Color change kit 5 (15, 30, 1, 2, 4) for hour timer	A, BK, GY, LA, V, W	☐ PT5HK-__-P

Color ordering information:

For ordering devices, include Catalog no. followed by the Color suffix: A (Almond), B (Brown), BK (Black), GY (Gray), LA (Light Almond), V (Ivory), W (White), C1 (Color Change Kit: A, W, V), C2 (Color Change Kit: LA, W, V)

A	B	BK	GY	LA	V	W
(Almond)	(Brown)	(Black)	(Gray)	(Lt. Almond)	(Ivory)	(White)

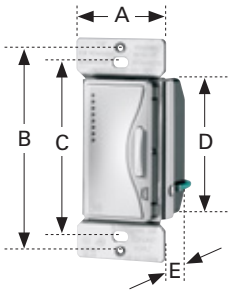
A	W	V
C1 Color Kit		
A (Almond), W (White), V (Ivory)		

LA	W	V
C2 Color Kit		
LA (Light Almond), W (White), V (Ivory)		

Dimensional information: A-42
Compliances, specifications and availability are subject to change without notice.

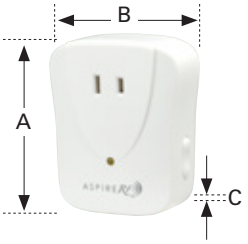
Z-Wave: devices

Family	A	B	C	D	E
5-scene keypad (RFWC5)	1.50" (38.1mm)	3.81" (96.8mm)	3.28" (83.3mm)	1.69" (43.0mm)	1.36" (34.5mm)
600W smart dimmers (RF9534, RF9540-N)	1.80" (45.7mm)	3.81" (96.8mm)	3.28" (83.3mm)	2.60" (66.1mm)	1.36" (34.5mm)
1000W smart dimmers & switch (RF9518, RF9536, RF9536-N, RF9537-N)	2.45" (62.2mm)	3.81" (96.8mm)	3.28" (83.3mm)	2.60" (66.1mm)	1.36" (34.5mm)
Accessory dimmers (RF9542-Z)	1.80" (45.7mm)	3.81" (96.8mm)	3.28" (83.3mm)	2.60" (66.1mm)	1.36" (34.5mm)
Switches (RF9501, RF9517, RF9520)	1.80" (45.7mm)	3.81" (96.8mm)	3.28" (83.3mm)	2.56" (65.0mm)	1.63" (41.4mm)
Receptacles (RFTR9505-T)	1.30" (33.0mm)	3.81" (96.8mm)	3.28" (83.3mm)	2.77" (70.3mm)	1.40" (35.5mm)



Z-Wave: specialty devices

Family	A (Height)	B (Width)	C (Depth)
Plug-in lamp & appliance modules (RFLDM, RFAPM)	3.48" (88.4mm)	2.86" (72.7mm)	1.30" (33.1mm)
Anyplace switch & battery operated switch (RF9575, RF9500)	4.62" (117mm)	1.81" (46mm)	0.16" (4mm)

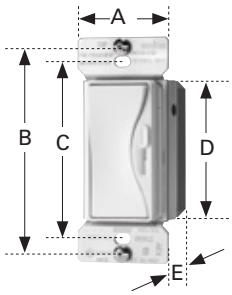


RFHDCSG

Dimensional data

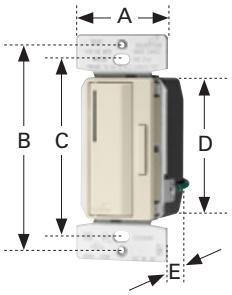
Aspire

Family	A	B	C	D	E
600W smart dimmers & accessory dimmers (9540-N, 9524, 9542)	1.80" (45.7mm)	3.81" (96.8mm)	3.28" (83.3mm)	2.60" (66.1mm)	1.38" (35.1mm)
1000W smart dimmers (9536, 9537)	2.45" (62.1mm)	3.81" (96.8mm)	3.28" (83.3mm)	2.60" (66.1mm)	1.38" (35.1mm)
Slide dimmers & fan speed controls (9543, 9544)	1.80" (45.7mm)	3.81" (96.8mm)	3.28" (83.3mm)	2.69" (68.3mm)	1.27" (32.3mm)
Single-pole & 3-way switches (9501, 9503, 9515, 9516)	1.44" (36.6mm)	3.81" (96.8mm)	3.28" (83.3mm)	2.74" (69.6mm)	0.97" (24.6mm)
4-way switches (9504)	1.44" (36.6mm)	3.81" (96.8mm)	3.28" (83.3mm)	2.60" (66.1mm)	1.18" (30.0mm)
Timers (9590, 9591)	1.80" (45.7mm)	3.81" (96.8mm)	3.28" (83.3mm)	2.59" (65.8mm)	1.39" (35.4mm)



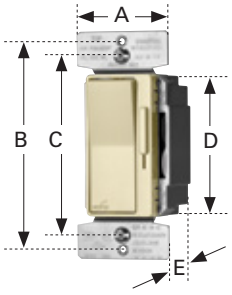
Smart Dimmers & Timers

Family	A	B	C	D	E
600W smart dimmers & accessory dimmers (AAL06, ARD)	1.80" (45.7mm)	3.81" (96.8mm)	3.28" (83.3mm)	2.59" (65.8mm)	1.38" (35.1mm)
1000W smart dimmers (AIM10)	2.44" (62.0mm)	3.81" (96.8mm)	3.28" (83.3mm)	2.59" (65.8mm)	1.38" (35.1mm)
Timers (PT18)	1.80" (45.7mm)	3.81" (96.8mm)	3.28" (83.3mm)	2.59" (65.8mm)	1.39" (35.4mm)



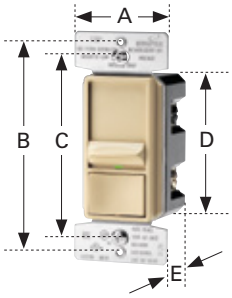
Decorator Dimmers

Family	A	B	C	D	E
600W dimmers (DAL06P)	1.80" (45.7mm)	3.81" (96.8mm)	3.28" (83.3mm)	2.67" (67.8mm)	1.28" (32.6mm)
1000W dimmers (DI10P, DF8AP7)	2.45" (62.2mm)	3.81" (96.8mm)	3.28" (83.3mm)	2.67" (67.8mm)	1.28" (32.6mm)
Fan speed controls (DFS15)	1.80" (45.7mm)	3.81" (96.8mm)	3.28" (83.3mm)	2.67" (67.8mm)	1.28" (32.6mm)



Slide Dimmers

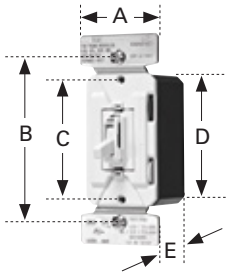
Family	A	B	C	D	E
600W dimmers (SAL06P)	1.80" (45.7mm)	3.81" (96.8mm)	3.28" (83.3mm)	2.67" (67.8mm)	1.27" (32.4mm)
1000W dimmers (SI10P, SF8AP7)	2.45" (62.2mm)	3.81" (96.8mm)	3.28" (83.3mm)	2.67" (67.8mm)	1.27" (32.4mm)
Fan speed controls (SFS15)	1.80" (45.7mm)	3.81" (96.8mm)	3.28" (83.3mm)	2.67" (67.8mm)	1.27" (32.4mm)



Dimensional data

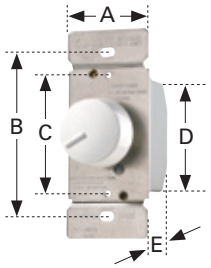
Toggle Dimmers

Family	A	B	C	D	E
600W dimmers (TAL06P1)	1.70" (43.2mm)	3.28" (83.3mm)	2.38" (60.5mm)	2.71" (68.8mm)	1.36" (34.5mm)
1000W dimmers (TI3101, TI3101L)	1.70" (43.2mm)	3.28" (83.3mm)	2.38" (60.5mm)	2.72" (69.1mm)	1.43" (36.3mm)
Fan speed controls (TFS15)	1.70" (43.2mm)	3.28" (83.3mm)	2.38" (60.5mm)	2.30" (58.4mm)	1.40" (35.6mm)



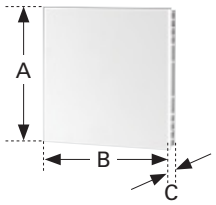
Rotary Dimmers

Family	A	B	C	D	E
600W dimmers (RI06)	1.70" (43.2mm)	3.28" (83.3mm)	2.38" (60.5mm)	2.20" (55.9mm)	1.30" (33.0mm)
1000W dimmers (RI101)	1.70" (43.2mm)	3.28" (83.3mm)	2.38" (60.5mm)	2.70" (68.7mm)	1.43" (36.3mm)
Combination dimmers & fan speed control (RDC15, RDC25)	1.63" (41.4mm)	3.81" (96.8mm)	3.28" (83.3mm)	2.70" (68.7mm)	1.46" (37.0mm)
Fan speed controls (RFS5, RFS15)	1.70" (43.2mm)	3.28" (83.3mm)	2.38" (60.5mm)	2.20" (55.9mm)	1.30" (33.0mm)



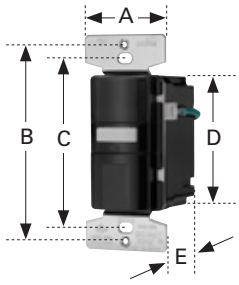
Dimmers: power extenders

Family	A (Height)	B (Width)	C (Depth)
Power Extenders (P19, PF19)	4.85" (123.2mm)	4.65" (118.0mm)	2.07" (52.6mm)



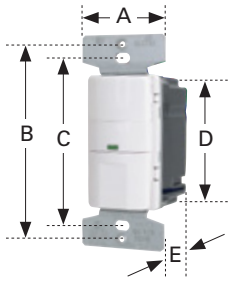
Occupancy & vacancy sensors

Family	A	B	C	D	E
Occupancy/vacancy dimmers (OS106, VS106)	1.80" (45.7mm)	3.81" (96.8mm)	3.21" (81.5mm)	2.59" (65.8mm)	1.40" (35.6mm)
Occupancy/vacancy dual switches (OS310R, VS310R)	1.80" (45.7mm)	3.81" (96.8mm)	3.21" (81.5mm)	2.59" (65.8mm)	1.40" (35.6mm)
Occupancy/vacancy switches (OS310U, VS310U)	1.80" (45.7mm)	3.81" (96.8mm)	3.21" (81.5mm)	2.59" (65.8mm)	1.40" (35.6mm)



Occupancy & vacancy sensors: standard series

Family	A	B	C	D	E
(OS306U)	1.8" (45.72mm)	3.81" (96.8mm)	3.21" (81.5mm)	2.59" (65.8mm)	1.40" (35.6mm)
(VS306U)	1.8" (45.72mm)	3.81" (96.8mm)	3.21" (81.5mm)	2.59" (65.8mm)	1.40" (35.6mm)



SECTION
B

Wiring Devices

Our broad line of wiring devices deliver reliable performance, quality construction and labor-saving features that make our devices faster and easier to install. You will find a wide color palette suited for today's new and existing homes, along with a complete decorator offering for home-wide contemporary styling. A host of devices are also available within this section for enhancing the safety of a home—from tamper resistant receptacles to combination nightlights.

Switches
B-2

Combination devices
B-12

USB receptacles
B-14

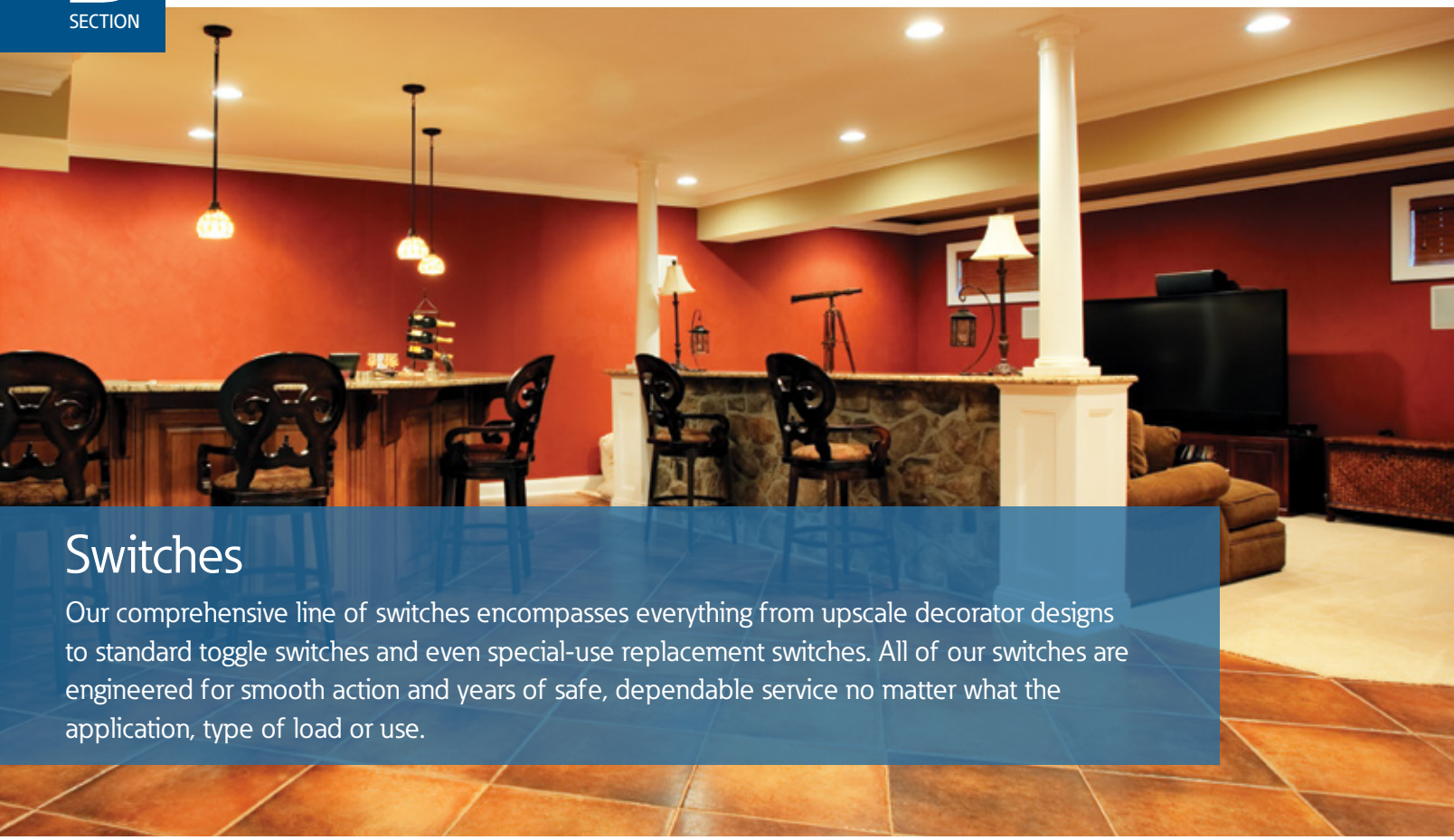
Receptacles
B-20

GFCIs
B-30

Power devices
B-36

Plugs & connectors
B-46

Lampholders
B-56



Switches

Our comprehensive line of switches encompasses everything from upscale decorator designs to standard toggle switches and even special-use replacement switches. All of our switches are engineered for smooth action and years of safe, dependable service no matter what the application, type of load or use.

Switch families

Decorator standard grade

B-4

Heavy duty grade toggle

B-5

Standard grade toggle

B-6

Standard grade CO/ALR toggle

B-7

Heavy duty grade canopy switches

B-8

Miscellaneous standard grade switches

B-10

Switch colors

Almond

Black

Brown

Gray

Ivory

Lt. Almond

White

The Eaton difference

- Built-in patented wire stripper provides handy backup for misplaced tools
- Longer, wider strap provides 40% more contact area to wallboard, virtually eliminating floating installations
- Ultrasonic welded thermoplastic top and bottom housing eliminate call-backs due to job-site breakage
- Cam action mechanism inside for quiet switch action
- Built-in wire looper to speed termination of both #14 and #12 AWG wire
- Slotted, Phillips and Robertson tri-combo screw heads offer greater installation flexibility

Specific switch solutions for today's needs

Aesthetic upgrades

Complete the look of a beautiful redecoration, renovation or new home with decorator switches that provide contemporary styling to coordinate perfectly with today's décor.

See page B-4

Shown:
7503

Device locator lighting

There are areas in every home where it is difficult to visually locate a switch in low-light or dark conditions. Lighted switches emit a soft glow that makes them easy to find without fumbling.

See page B-6

Shown:
1301-7LT

Aluminum wiring

There are many homes that still contain aluminum wiring. Hybrid copper & aluminum compatible (CO/ALR) switches are required for aluminum wiring.

See page B-7

Shown:
5221-7

Decorator standard grade switches

Product description

Single-pole, 3-way, 4-way
15A, 120/277V/AC

7501

Design features

- Thermoplastic rocker, top and backbody are virtually unbreakable, promising years of durable performance
- Ultrasonic welding and integrated construction of the strap and body provide superior integrity
- Backwire clamps on the side terminals provide for easy installation of #12 and #14 AWG wire
- Push-in terminals accept #14 AWG solid wire
- Stippled ground screw terminal standard
- 120/277V/AC rating ideal for fluorescent lighting fixtures and a broad variety of applications
- Long, broad mounting strap virtually eliminates floating installations
- Patented built-in wire stripper for #12 and #14 AWG wire to speed installation
- Tri-combo screws accept Slotted, Phillips, and Robertson-head tools for installation flexibility
- Lighted switches glow in "OFF" position

Decorator switches

Rating A	Rating V/AC	Description	Color suffix	Catalog no.		
15	120/277	Single-pole, back wire, push wire	A, B, BK, GY, LA, V, W	☐ 7501__	•	•
		Auto-grounding single-pole, back wire, push wire	A, B, BK, GY, LA, V, W	☐ 7501-9__	•	•
		3-way, back wire, push wire	A, B, BK, GY, LA, V, W	☐ 7503__	•	•
		Auto-grounding 3-way, back wire, push wire	A, B, BK, GY, LA, V, W	☐ 7503-9__	•	•
		4-way, back wire, push wire	A, B, BK, GY, LA, V, W	☐ 7504__*		•
		Lighted single-pole, back wire, push wire	A, LA, V, W	☐ 7511__		
		Lighted 3-way, back wire, push wire	A, LA, V, W	☐ 7513__		

cULus Listed to UL20, file no. E18704; 7504 also UL Listed to Federal Spec WS-896E *Fed Spec.

AC decorator switches, back & side wire

Rating A	Rating V/AC	Description	Color	Catalog no.	
15	120/277	Single-pole, two position, momentary contact, decorator	W	☐ 7521W	•

Color ordering information:

For ordering devices, include Catalog no. followed by the Color suffix: A (Almond), B (Brown), BK (Black), GY (Gray), LA (Light Almond), V (Ivory), W (White)

A	B	BK	GY	LA	V	W
(Almond)	(Brown)	(Black)	(Gray)	(Lt. Almond)	(Ivory)	(White)

Dimensional information: B-68
Compliances, specifications and availability are subject to change without notice.

Indicates NAFTA compliant - Page G-21

RoHS compliant - Page G-21

Heavy duty grade toggle switches

Product description

Single-pole & 3-way
15A,120/277V/AC

CSB115ST

Design features

- Larger contacts and robust design for extended switch life
- Backwire clamps on the side terminals provide for easy installation of #12 and #14 AWG wire
- Side wire terminals accept up to #10 solid wire
- 120/277V/AC rating ideal for fluorescent lighting fixtures and a broad variety of applications
- Long, broad steel mounting strap zinc plated for corrosion resistance, virtually eliminates floating installations
- Patented built-in wire stripper for #12 and #14 AWG wire to speed installation
- Ground screw terminal standard
- Stippled line and ground contacts standard
- Tri-combo head mounting and terminal screws ease installation

Heavy duty toggle switches

Rating A	Rating V/AC	Description	Color suffix	Catalog no.		
15	120/277	Single-pole, back & side wire	B, V, W	☐ CSB115ST__	•	•
		3-way, back & side wire	V, W	☐ CSB315ST__	•	•

cULus Listed to UL20, file no. E18704; NOM certified

Color ordering information:

For ordering devices, include Catalog no. followed by the Color suffix: B (Brown), V (Ivory), W (White)

B	V	W
(Brown)	(Ivory)	(White)

Dimensional information: B-68
Compliances, specifications and availability are subject to change without notice.

Indicates NAFTA compliant - Page G-21

RoHS compliant - Page G-21

Standard grade toggle switches

Product description

Single-pole, 3-way, 4-way
15A,120V/AC

1303

1301-7

1301-73

Design features

- 3-way switches feature additional push-in common termination for feed-through tapping
- Push-in terminals accept #14 AWG solid wire only; side wire terminals accept up to #10 AWG solid wire
- Long, broad mounting strap virtually eliminates floating installations
- Patented built-in wire stripper for #12 and #14 AWG wire to speed installation
- Patented built-in wire looper for pre-looping
- Tri-combo screws accept Slotted, Phillips, and Robertson-head tools for installation flexibility
- Lighted toggle glows in "OFF" position

Toggle switches, non-grounding

Rating A	Rating V/AC	Description	Color suffix	Catalog no.		
15	120	Single-pole, side wire & push wire	B, BK, LA, V, W	☐1301__	•	•
		3-way, back wire, side wire & push wire	B, BK, LA, V, W	☐1303__	•	•

cULus Listed to UL20, file no. E18704; 7504 also UL Listed to Federal Spec WS-896E

Toggle switches, grounding

Rating A	Rating V/AC	Description	Color suffix	Catalog no.		
15	120	Single-pole, side wire & push wire	A, B, BK, LA, V, W	☐1301-7__	•	•
		Single-pole, side wire & push wire, auto ground	A, B, BK, LA, V, W	☐1301-9__	•	•
		3-way, back wire, side wire & push wire	A, B, BK, LA, V, W	☐1303-7__	•	•
		3-way, side wire & push wire, auto ground	A, B, BK, LA, V, W	☐1303-9__	•	•
		4-way, side wire & push wire	A, B, BK, LA, V, W	☐1242-7__		
		Single-pole, less ears, side wire & push wire	A, B, BK, LA, W	☐1301-73__	•	•
		Lighted, single-pole, side wire & push wire	LA, V, W	☐1301-7LT__	•	
		Lighted, 3-way, side wire & push wire	V, W	☐1303-7LT__	•	

cULus Listed to UL20, file no. E18704; NOM certified. Lighted models also CSA certified to C22.2, no. 111

Color ordering information:

For ordering devices, include Catalog no. followed by the Color suffix: A (Almond), B (Brown), BK (Black), LA (Light Almond), V (Ivory), W (White)

A	B	BK	LA	V	W
(Almond)	(Brown)	(Black)	(Lt. Almond)	(Ivory)	(White)

Dimensional information: B-68
Compliances, specifications and availability are subject to change without notice.

Indicates NAFTA compliant - Page G-21

RoHS compliant - Page G-21

Standard grade CO/ALR toggle switches

Product description

Single-pole & 3-way
15A,120V/AC

5221-7

Design features

- For direct connection to aluminum or copper wire
- Industrial design cam action mechanism ensures quiet switch action
- Side wire terminals accept up to #10 AWG solid copper wire, and up to #10 AWG solid aluminum wire
- Terminal screws backed out—ready for wiring
- Patented built-in wire stripper for #12 and #14 AWG wire to speed installation
- Combination Slot/Phillips head mounting and terminal screws ease installation (Slot/Robertson screws in Canada where available)
- Long, broad mounting strap virtually eliminates floating installations

CO/ALR toggle switches

Rating A	Rating V/AC	Description	Color suffix	Catalog no.	RoHS
15	120	Single-pole, side wire	V, W	☐5221-7__	•
		3-way, side wire	V, W	☐5223-7__	•

Listed to UL20, file no. E18704; CSA certified to C22.2, no. 111

Color ordering information:

For ordering devices, include Catalog no. followed by the Color suffix: V (Ivory), W (White)

V	W
(Ivory)	(White)

Dimensional information: B-68
Compliances, specifications and availability are subject to change without notice.

RoHS compliant - Page G-21

Miscellaneous standard grade switches

Product description

Feed-through cord switches

933

Design features

- Insulation displacement terminals eliminate need for stripping insulation from cord conductors
- For in-line, ON/OFF switching

Feed-through cord switch

Rating A	Rating V/AC	Description	Color suffix	Catalog no.		
3	120	Feed-though cord switch for flat or round cords, ON-OFF sequence, insulation displacement terminals Fits the following cord types: #18/2 SPT-1, SPT2 or HPN Cord; #16/2 SPT-1, SPT2 or HPN Cord; Round Type SVT Cord (max. dia. 9/32", 7.14mm)	B, V, W	☐ 933__	•	•

Listed to UL20, file no. E47968; CSA certified to C22.2, no. 111; NOM certified

Color ordering information:

For ordering devices, include Catalog no. followed by the Color suffix: B (Brown), V (Ivory), W (White)

B	V	W
(Brown)	(Ivory)	(White)

Dimensional information: B-68

Compliances, specifications and availability are subject to change without notice.

Indicates NAFTA compliant - Page G-21

RoHS compliant - Page G-21

Canopy switches

Product description

Single-pole, two-circuit
1A,125V/AC; 1A, 250V/AC;
3A,125V/AC; 3A, 250V/AC;
6A,125V/AC; 6A, 250V/AC

458BD

Design features

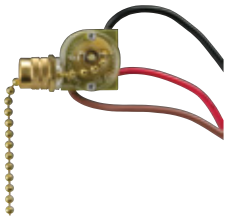
- Wide variety of sizes for use in fixtures, appliances, doorways and with equipment
- Shank is threaded 15/32"-32 x 15/32" (11.8mm) long
- Hex nut and finishing nut furnished
- 6" (152.4mm) wire lead terminals, #18 105°C stripped 0.75" (19.1mm)

442

Pull chain canopy switches

Rating A	Rating V/AC	VL	Description	Color	Catalog no.	RoHS
6 3 1	125 250	125	Pull chain with end bell, single-pole, ON-OFF sequence	NP	☐ 458NP	•
			Pull chain with end bell, single-pole, ON-OFF sequence	BD	☐ 458BD	•

UL Recognized component for US & Canada, file no. E89885


460

Pull chain canopy switches

Rating A	Rating V/AC	Description	Color	Catalog no.
3 3 6	125 "T" 250 250	Single-pole, side wire	NP	☐ 442

UL Recognized component for US & Canada, file no. E89885

449NP

Pull chain canopy switches

Rating A	Rating V/AC	Description	Color	Catalog no.	RoHS
3 6	250 125	Pull chain with end bell, two-circuit Lo-Med-Hi-OFF sequence	BD	☐ 460	•

UL Recognized component for US & Canada, file no. E89885

Push button canopy switches

Rating A	Rating V/AC	VL	Description	Color	Catalog no.
1 3	250	125	Metal push button, single-pole, ON-OFF sequence	NP	☐ 449NP

UL Recognized component for US & Canada, file no. E81103

Color ordering information:

BD (Brass), NP (Nickel)

BD (Brass) NP (Nickel)

Compliances, specifications and availability are subject to change without notice.

RoHS compliant - Page G-21

Circuit control switches

Product description

Single-pole, single throw
6A,125V/AC, 3A,125V/AC

452

Design features

- Shank is threaded 15/32"-32 x 15/32" (11.8mm) long
- Keyed shank, indicator plate and finishing nut furnished
- 6" (152.4mm) wire lead terminals, #18 AWG 105ºC stripped 0.75" (19.1mm)

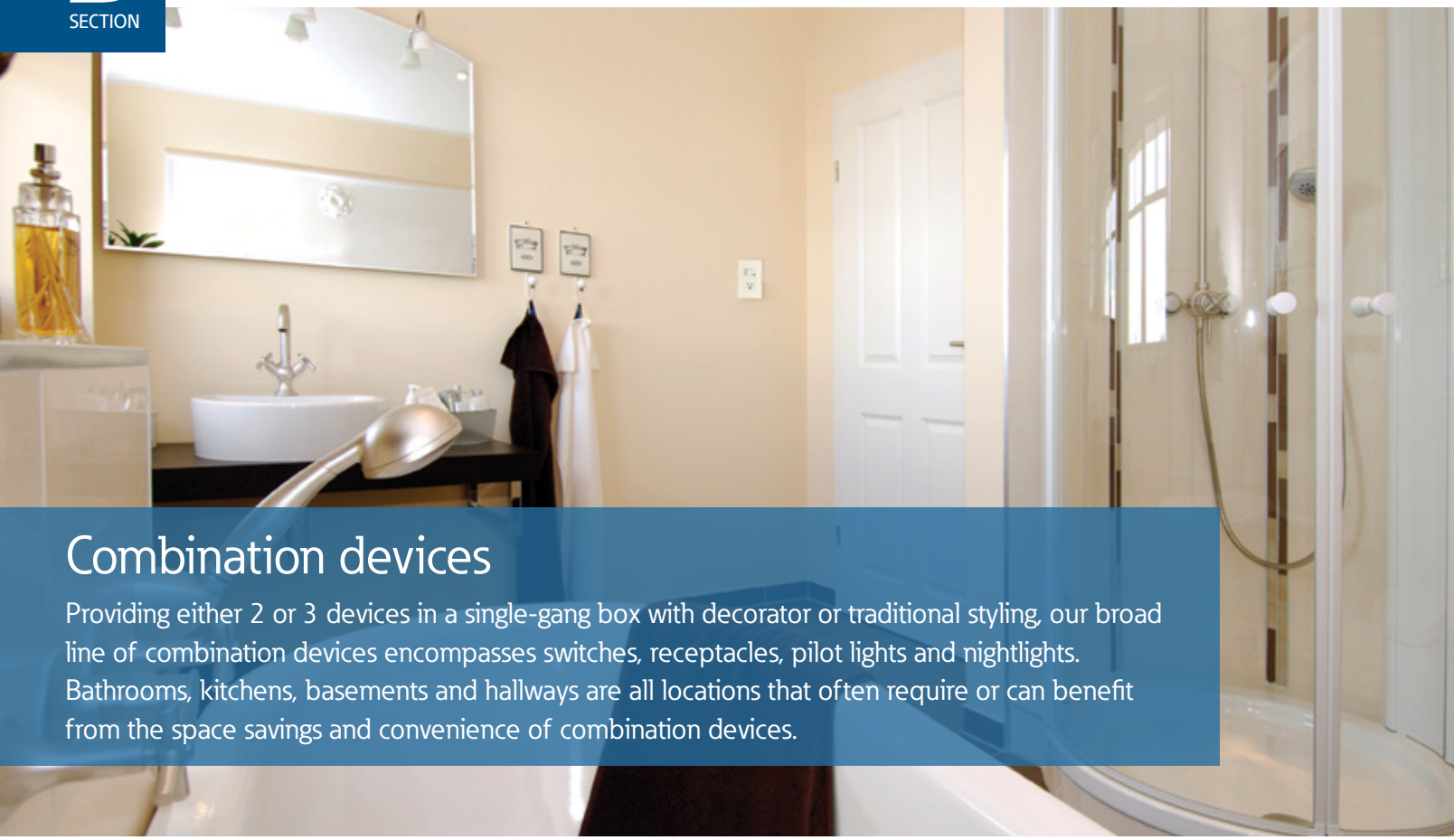
Circuit control toggle switch

Rating A	Rating V/AC	Description	Color	Catalog no.	
6 3	125 250	Metal bat handle, single-pole single throw circuit, ON-OFF sequence	Silver	☐ 452	•

UL Recognized component for US & Canada, file no. E18704; CSA certified

Compliances, specifications and availability are subject to change without notice.

RoHS compliant - Page G-21



Combination devices

Providing either 2 or 3 devices in a single-gang box with decorator or traditional styling, our broad line of combination devices encompasses switches, receptacles, pilot lights and nightlights. Bathrooms, kitchens, basements and hallways are all locations that often require or can benefit from the space savings and convenience of combination devices.

Combination device families

Combination USB charger with tamper resistant receptacle

B-14

Decorator heavy duty grade combination devices

B-15

Traditional style heavy duty grade combination devices

B-16

Dimmable nightlight heavy duty grade combination devices

B-18

Combination device colors

Almond

Black

Brown

Gray

Ivory

Lt. Almond

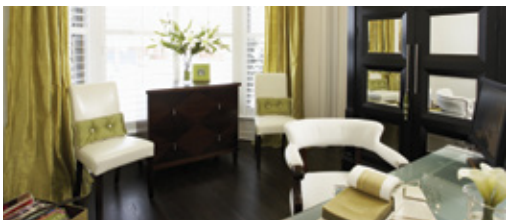
White

The Eaton difference

- Convenient patented built-in wire stripper speeds installation
- Steel mounting strap is zinc plated for added corrosion resistance
- USB Receptacles allow for quick and convenient charging of most electronic accessories
- Nightlight models feature dimmable LED lamps

TR
TAMPER RESISTANT

Specific combination device solutions for today's needs



USB charging devices

Perfect for quickly and easily charging most electronic components without powered computers or bulky adapters.

See page B-14

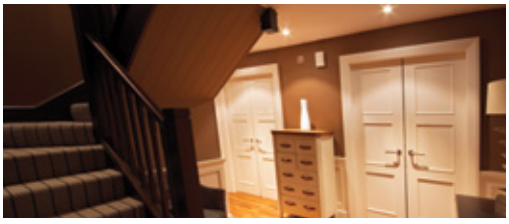
Shown:
TR7740

Light & motor control

Combination switches are horsepower rated to carry motor loads such as bathroom fans and garbage disposals on the same or separate circuits.

See page B-15

Shown:
7728



LED nightlight combinations

Ideal for bathrooms, hallways, stairs and landings, flush-mount LED nightlight combination devices provide added safety and comfort along with switch or receptacle functionality.

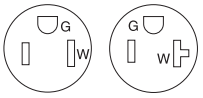
See page B-18

Shown:
TR7735

Combination USB charger with tamper resistant receptacle

Product description

2-pole, 3-wire grounding
15A,125V/AC, 5V DC 700MA
15A 125V/AC, 5V DC 2.4A
15A,125V/AC, 5V DC 3.1A
20A,125V/AC, 5V DC 3.1A



5-15R **5-20R**

TR7740

TR7755

Design features

- Standard AC receptacle with two USB charging ports for conveniently charging most electronic accessories
- Dual USB charging ports charge most compatible electronic devices that charge via a 5V power adapter
- Three (3) pre-stripped 6" wire leads for line, neutral and ground for quick and easy installation (TR7755 and TR7756 only)
- Tamper resistant receptacles provide compliance with 2014 NEC® Article 406.12 which states that all 15A and 20A, 125V/AC receptacles installed in dwelling units must be tamper resistant
- Automatic grounding system eliminates need for bonding jumper in grounded metal enclosure and provides redundant measure of ground continuity where jumper is used
- Thermoplastic top and back-body are virtually unbreakable to deliver years of durable performance
- Steel mounting strap is zinc plated for added corrosion resistance
- Convenient patented built-in wire strippers speeds installation
- Backwire clamps on side terminals provide for easy installation of #12 and #14 AWG wire (TR7740/TR7741)
- Triple wipe blade contacts and double wipe ground contacts to insure long-term plug retention
- Replaces a standard duplex receptacle for USB charging capability without the need for special tools or bulky adapters

Combination USB charger with TR receptacle

Rating						
A	V/AC	A	V/DC	Description	Color suffix	Catalog no.
15	125	0.7	5	Combination USB charger with TR receptacle	A, BK, GY, LA, V, W	☐ TR7740__
15	125	2.4	5	Combination USB charger with TR receptacle	A, B, BK, GY, LA, V, W	☐ TR7741__
15	125	3.1	5	USB charger with TR duplex receptacle, wire leads	A, B, BK, GY, LA, V, W	☐ TR7755__
20	125	3.1	5	USB charger with TR duplex receptacle, wire leads	A, B, BK, GY, LA, V, W	☐ TR7756__

cULus Listed UL 498 and UL1310; NOM certified

Color ordering information:

For ordering devices, include Catalog no. followed by the Color suffix: A (Almond), B (Brown), BK (Black), GY (Gray), LA (Light Almond), V (Ivory), W (White)

A	B	BK	GY	LA	V	W
(Almond)	(Brown)	(Black)	(Gray)	(Lt. Almond)	(Ivory)	(White)

Dimensional information: B-68
Compliances, specifications and availability are subject to change without notice.

TR Tamper resistant

Decorator heavy duty grade combination devices

Product description

Single-pole, 3-way
15A,120/277V/AC switches
15A,125V/AC receptacles

5-15R

7729

TR7730

Design features

- 120/277V/AC rating ideal for fluorescent lighting fixtures and a broad variety of applications
- Switches are horsepower rated for motor loads per UL20
- Thermoplastic rocker, top and backbody are virtually unbreakable to deliver years of durable performance
- Tamper resistant receptacles provide compliance with 2014 NEC® Article 406.12 which states that all 15A and 20A, 125V/AC receptacles installed in dwelling units must be tamper resistant

TR TAMPER RESISTANT

- Steel mounting strap is zinc plated for added corrosion resistance
- Convenient patented built-in wire stripper speeds installation
- Backwire clamps on side terminals provide for easy installation of #12 and #14 AWG wire
- Triple wipe blade contacts and double wipe ground contacts to insure long-term plug retention (TR7730)
- Tri-combo screw heads offer greater installation flexibility

Decorator combination switches

Rating A	V/AC	Description	Color suffix	Catalog no.	
15A	120/277	Two single-pole switches, back & side wire	A, BK, LA, V, W	☐ 7728__	•
		Three single-pole switches, back & side wire	A, BK, LA, V, W	☐ 7729__	•
		Two 3-way switches, back & side wire	A, BK, LA, V, W	☐ 7731__	•
		One single-pole switch w/ one 3-way switch, back & side wire	A, BK, LA, V, W	☐ 7732__	•

cULus Listed to UL20, file no. E18704; NOM certified

Decorator combination switch with receptacle

Rating A	V/AC	Description	Color suffix	Catalog no.	
15 15	120 switch 125 receptacle	One single-pole switch with one tamper resistant NEMA 5-15R receptacle, back & side wire	A, BK, LA, V, W	☐ TR7730__	•

cULus Listed to UL20, file no. E18704; NOM certified

Horsepower rated for motor loads per UL20

Rating A	120V/AC	240V/AC	Max. Amps
15	1/2 HP	2 HP	12

Color ordering information:

For ordering devices, include Catalog no. followed by the Color suffix: A (Almond), BK (Black), LA (Light Almond), V (Ivory), W (White)

A	BK	LA	V	W
(Almond)	(Black)	(Lt. Almond)	(Ivory)	(White)

Dimensional information: B-68
Compliances, specifications and availability are subject to change without notice.

TR Tamper resistant

RoHS compliant - Page G-21

Traditional heavy duty grade combination devices

Product description

Single-pole, 3-way, pilot light
15A, 120/277V/AC switches; 15A, 120V/AC switches

271

277

Design features

- Combination switches with pilot light (277 & 294) can be wired to indicate power ON or power OFF
- 120/277V/AC rating ideal for fluorescent lighting fixtures and a broad variety of applications
- Switches are horsepower rated for motor loads per UL20
- Thermoplastic toggle, top and backbody are virtually unbreakable to deliver years of durable performance
- Ultrasonic welding and integrated construction of the strap and body provide superior ground integrity even under heavy use
- Automatic grounding system eliminates the need for bonding jumper in grounded metal enclosure and provides redundant measure of ground continuity where a jumper is used
- Steel mounting strap is zinc plated for added corrosion resistance
- Convenient patented built-in wire stripper speeds installation
- Backwire clamps on side terminals provide for easy installation of #12 and #14 AWG wire
- Terminal screws are backed out and ready for wiring to enhance ease of installation
- Tri-combo screw heads offer greater installation flexibility

Toggle combination switches

Rating							
A	V/AC	W	V	Description	Color suffix	Catalog no.	
15	120/277			Two single-pole switches, back & side wire	A, B, LA, V, W	☐271__	•
				Two 3-way switches, back & side wire	LA, V, W	☐276__	•
15	120	1/25	125	One single-pole switch with pilot light, back & side wire	A, B, LA, V, W	☐277__	•

cULus Listed to UL20, file no. E18704; CSA certified to C22.2, no. 111; NOM certified, except 275; NOM certified

Toggle combination switches

Rating							
A	V/AC	W	V	Description	Color suffix	Catalog no.	
15	120/277			One single-pole switch with one 3- way switch, back & side wire	A, B, LA, V, W	☐275__	•
15	120	1/25	125	One 3-way switch with pilot light, back & side wire	B, V	☐294__	•

cULus Listed to UL20/UL498, file no. E18704; CSA certified to C22.2, no. 111, except 294

Horsepower rated for motor loads per UL20

Rating			
A	120V/AC	240V/AC	Max. Amps
15	1/2 HP	2 HP	12

Color ordering information:

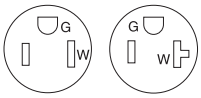
For ordering devices, include Catalog no. followed by the Color suffix: A (Almond), B (Brown), LA (Light Almond), V (Ivory), W (White)

A	B	LA	V	W
(Almond)	(Brown)	(Lt. Almond)	(Ivory)	(White)

Compliances, specifications and availability are subject to change without notice.

RoHS compliant - Page G-21

Traditional heavy duty grade combination devices



5-15R 5-20R

Product description

Single-pole, 3-way
15A,120V/AC switches
15A,125V/AC, 20A,125V/AC receptacles

TR274

TR291

Design features

- Combination switch with receptacle features UL Listed tamper resistant shutters that prevent the insertion of foreign objects
- Neon pilot light is ON when switch is ON (TR274 & TR291)
- Switches are horsepower rated for motor loads per UL20
- Thermoplastic toggle, top and backbody are virtually unbreakable to deliver years of durable performance
- Automatic grounding system eliminates the need for bonding jumper in grounded metal enclosure and provides redundant measure of ground continuity where a jumper is used
- Steel mounting strap is zinc plated for added corrosion resistance
- Backwire clamps on side terminals provide for easy installation of #12 and #14 AWG wire
- Triple wipe blade contacts and double wipe ground contacts ensure long-term plug retention on receptacles
- Tri-combo screw heads offer greater installation flexibility

Toggle combination switch with receptacle

Rating A	Rating V/AC	Description	Color suffix	Catalog no.	
15 15	120 125	One single-pole switch with one tamper resistant NEMA 5-15R 2-pole, 3-wire receptacle, back & side wire	A, B, BK, LA, V, W	☐ TR274__	•
15 15	120 125	One 3-way switch with one tamper resistant NEMA 5-15R 2-pole, 3-wire receptacle, back & side wire	A, B, BK, LA, V, W	☐ TR293__	•

cULus Listed to UL20/UL498, file no. E18704; NOM certified

Toggle combination switch with receptacle

Rating A	Rating V/AC	Description	Color suffix	Catalog no.	
15 20	120 125	One single-pole switch with one tamper resistant NEMA 5-20R 2-pole, 3-wire receptacle, back & side wire	A, B, BK, LA, V, W	☐ TR291__	•

cULus Listed to UL20/UL498, file no. E18704; NOM certified

Horsepower rated for motor loads per UL20

Rating A	120V/AC	240V/AC	Max. Amps
15	1/2 HP	2 HP	12
20	1 HP	2 HP	16

Color ordering information:

For ordering devices, include Catalog no. followed by the Color suffix: A (Almond), B (Brown) BK (Black), LA (Light Almond), V (Ivory), W (White)

A	B	BK	LA	V	W
(Almond)	(Brown)	(Black)	(Lt. Almond)	(Ivory)	(White)

Dimensional information: B-68
Compliances, specifications and availability are subject to change without notice.

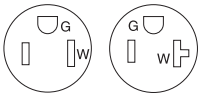
TR Tamper Resistant

RoHS compliant - Page G-21

Dimmable LED nightlight heavy duty grade combination devices

Product description

Single-pole 15A,120V/AC
15A,120V/AC switches
15A,125V/AC; 20A,125V/AC receptacles
120V nightlight



5-15R 5-20R

7738

TR7735

7737

TRSGFNL15

Design features

- Light sensor turns the nightlight ON when ambient light is low, and OFF when ambient light is high; can also be set to manual ON/OFF (automatic only for GFCI)
- Nightlights are dimmable to desired light level (excluding GFCI)
- Long-lasting energy efficient LED bulbs are rated for 50,000 hours lamp life
- Nightlight features full dimming as well as 3 preset levels to easily match light levels on devices mounted in series
- Nightlights use 3 LED lamps that consume a maximum of 1 watt of energy
- Combination nightlight/receptacle (TR7735 & TR7736) features UL Listed tamper resistant shutters that prevent the insertion of foreign objects
- Automatic grounding system eliminates the need for bonding jumper in grounded metal enclosure and provides redundant measure of ground continuity where a jumper is used
- Terminal screws are backed out and ready for wiring to enhance ease of installation
- Devices mounted in series can be controlled by an external switch in guide light mode

LED nightlight combination with switch

Rating A	Rating V/AC	W	Description	Color suffix	Catalog no.
15	120	1	One single-pole switch with nightlight, back & side wire	A, BK, LA, V, W	☐7738__

cULus Listed to UL20, file no. E18704; NOM certified

LED nightlight combination with receptacle

Rating A	Rating V/AC	W	Description	Color suffix	Catalog no.
15 15	120 125	1	Nightlight with one tamper resistant receptacle NEMA 5-15R, 2-pole, 3-wire, back & side wire	A, BK, LA, V, W	☐TR7735__
20 20	120 125	1	Nightlight with one tamper resistant receptacle NEMA 5-20R, 2-pole, 3-wire, back & side wire	A, BK, LA, V, W	☐TR7736__

cULus Listed to UL498, file no. E15058; NOM certified

Full LED nightlight

Rating V/AC	W	Description	Color suffix	Catalog no.
120	1	Full hallway nightlight, back & side wire	A, BK, LA, V, W	☐7737__

cULus Listed to UL1598, file no. E334295; NOM certified

LED nightlight combination with duplex self-test GFCI

Rating A	Rating V/AC	Description	Color suffix	Catalog no.
15	125	Tamper resistant duplex GFCI with nightlight, back & side wire	A, BK, LA, V, W	☐TRSGFNL15__
20	125	Tamper resistant duplex GFCI with nightlight, back & side wire	A, BK, LA, V, W	☐TRSGFNL20__

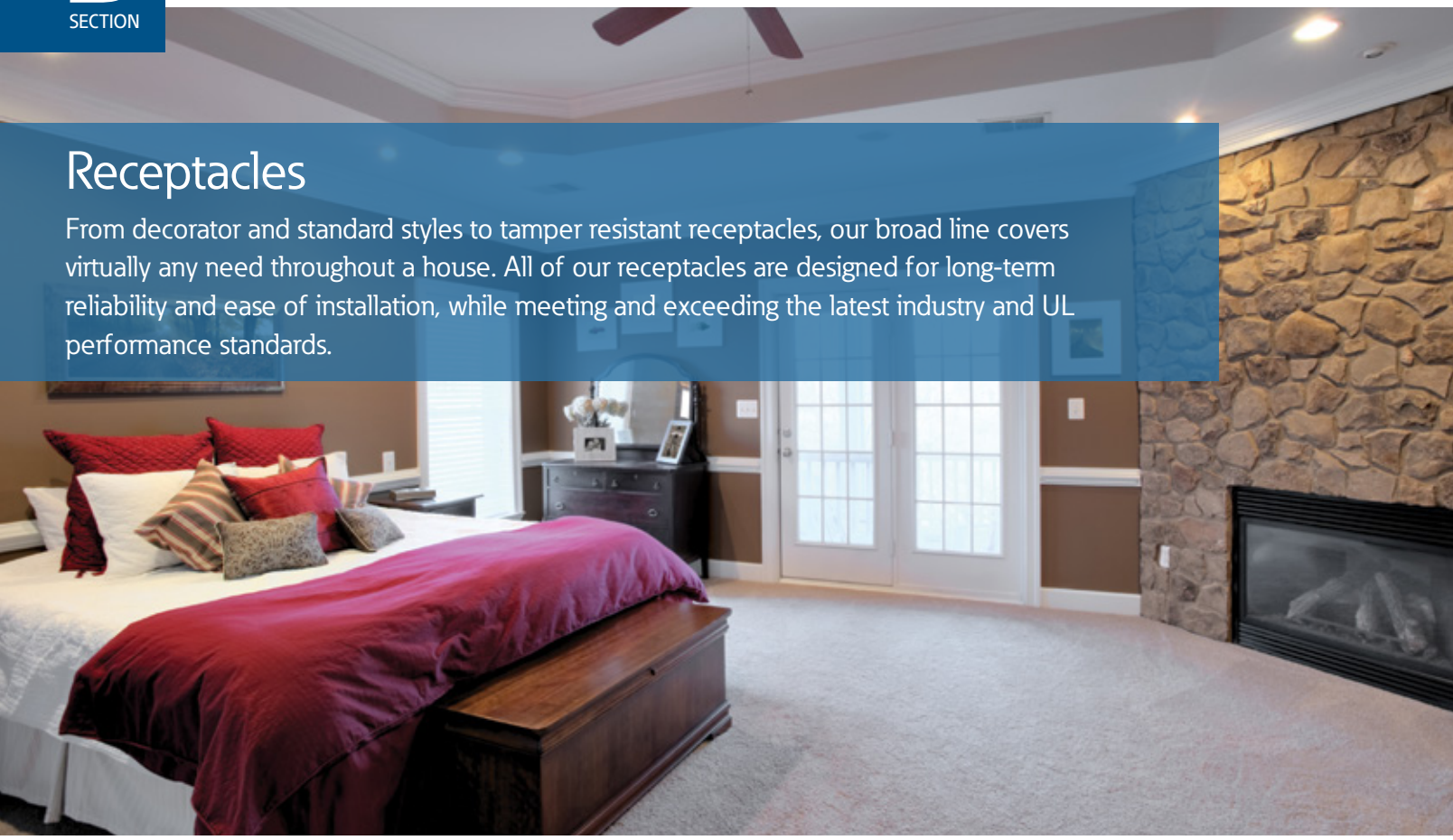
Color ordering information:

For ordering devices, include Catalog no. followed by the Color suffix: A (Almond), BK (Black), LA (Light Almond), V (Ivory), W (White)

A	BK	LA	V	W
(Almond)	(Black)	(Lt. Almond)	(Ivory)	(White)

Dimensional information: B-68
Compliances, specifications and availability are subject to change without notice.

TR Tamper resistant



Receptacles

From decorator and standard styles to tamper resistant receptacles, our broad line covers virtually any need throughout a house. All of our receptacles are designed for long-term reliability and ease of installation, while meeting and exceeding the latest industry and UL performance standards.

Receptacle families

Outlet branch circuit AFCI

B-22

Heavy duty grade

B-23

Decorator standard grade

B-24

Standard grade

B-25

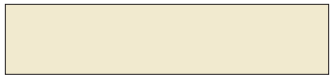
Specialty standard grade

B-28

Academy series outlets

B-29

Receptacle colors



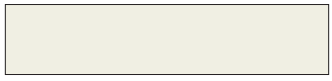
Almond

Black

Brown

Gray

Ivory



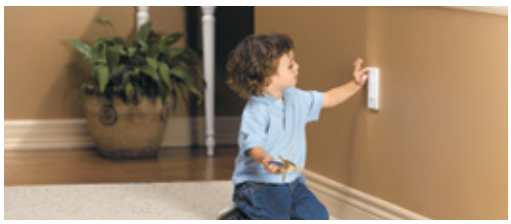
Lt. Almond

White

The Eaton difference

- Extra durability heavy duty grade models available for high abuse areas
- Screw-catch feature on traditional duplex devices automatically holds the wallplate mounting screw in place
- Built-in wire looper to speed termination of both #14 and #12 AWG wire
- Slotted, Phillips and Robertson Tri-combo screw heads offer greater installation flexibility
- Tamper resistant versions provide compliance with 2014 NEC® section 406.12 and provide significantly improved protection over traditional receptacles with removable plastic safety caps

Specific receptacle solutions for today's needs



Child safety

Tamper resistant receptacles not only provide code compliance, they also deliver automatic, continual protection from electrical injury as a result of inserting foreign objects.

See page B-25

Shown:
TR270

Aluminum wiring

There are many homes that still contain aluminum wiring. Using hybrid copper & aluminum compatible (CO/ALR) receptacles can reduce the hazards of aluminum wiring.

See page B-27

Shown:
5270

Home entertainment devices

Today's flat-screen televisions mount closely to the wall, requiring recessed receptacles to permit tight mounting clearances and leave more room for cord control.

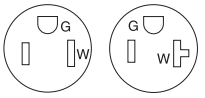
See page B-28

Shown:
TR780

Outlet branch circuit AFCI receptacles

Product description

2-pole, 3-wire grounding
15A,125V/AC
20A,125V/AC



5-15R 5-20R

TRAFCI15W

TRAFCI20V

Design features

- Designed to recognize an arc fault and quickly trip to stop the flow of electricity to prevent the electrical system from being an ignition source of fire
- Meets 2014 NEC® 406.4 (D)(4) requirements for replacement receptacles for dwelling units
- Meets 2014 NEC® requirements when installed as defined in Article 210.12 (A) for dwelling units
- Proven Eaton AFCI technology refined over several years to minimize unwanted tripping
- Lockout feature provides safest design by prohibiting the AFCI from resetting if the AFCI circuit is not functioning properly
- Tamper resistant receptacles provide compliance with 2014 NEC® Article 406.12 which states that all 15A and 20A, 125V/AC receptacles installed in dwelling units must be tamper resistant

TR TAMPER RESISTANT

- Perfect for use in dwelling units, remodel/retrofit applications, dormitories and commercial buildings

Tamper resistant AFCI receptacle

c UL us NOM 426 TR TAMPER RESISTANT

Rating A	Rating V/AC	Description	Color suffix	Catalog no.
15	120	Tamper resistant AFCI duplex receptacle	A, B, BK, GY, LA, V, W	☐ TRAFCI15__
20	125	Tamper resistant AFCI duplex receptacle	A, B, BK, GY, LA, V, W	☐ TRAFCI20__

Color ordering information:

For ordering devices, include Catalog no. followed by the Color suffix: A (Almond), B (Brown), BK (Black), GY (Gray), LA (Light Almond), V (Ivory), W (White)

A	B	BK	GY	LA	V	W
(Almond)	(Brown)	(Black)	(Gray)	(Lt. Almond)	(Ivory)	(White)

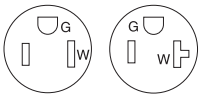
Dimensional information: B-69
Compliances, specifications and availability are subject to change without notice.

TR Tamper resistant

Heavy duty grade receptacles

Product description

2-pole, 3-wire grounding
15A, 125V/AC
20A, 125V/AC



5-15R 5-20R

TRCR15

TR6250

1877

Design features

- Heavy duty grade receptacles are designed and built for heavier use and feature enhanced ground contacts
- Tamper resistant receptacles provide compliance with 2014 NEC® Article 406.12 which states that all 15A and 20A, 125V/AC receptacles installed in dwelling units must be tamper resistant
- Durable impact-resistant thermoplastic face and back body is virtually unbreakable and also chemical-resistant
- Side-wire terminals accept up to #10 AWG solid wire
- Screw-catch feature on duplex devices speeds mounting of wallplates
- Galvanized steel wrap-around mounting strap for superior assembly security
- Patented built-in wire stripper for #12 and #10 AWG wire (except TRCR models) to speed installation
- Duplex and decorator devices feature automatic grounding system that eliminates the need for bonding jumper in grounded metal enclosures and provides a redundant measure of ground continuity where a jumper is used

Heavy duty tamper resistant duplex receptacles

Rating A	V/AC	Description	Color suffix	Catalog no.	
15	120	Tamper resistant NEMA 5-15R duplex receptacle, side wire	A, B, BK, GY, LA, RD, V, W	☐ TRCR15__	•
20	125	Tamper resistant NEMA 5-20R duplex receptacle, side wire	A, B, BK, GY, LA, RD, V, W	☐ TRCR20__	•

cULus Listed to UL498, file no. E15058; NOM certified

Heavy duty tamper resistant single receptacles

Rating A	V/AC	Description	Color suffix	Catalog no.	
15	125	Tamper resistant NEMA 5-15R decorator single receptacle, side wire	B, BK, V, W	☐ TR6250__	•
		Tamper resistant NEMA 5-15R single receptacle, side wire	A, B, BK, LA, V, W	☐ TR817__	•
20	125	Tamper resistant NEMA 5-20R decorator single receptacle, side wire	LA, V, W	☐ TR6350__	•
		Tamper resistant NEMA 5-20R single receptacle, side wire	A, B, BK, LA, V, W	☐ TR1877__	•

cULus Listed to UL498, file no. E15058; NOM certified

Heavy duty single receptacles

Rating A	V/AC	Description	Color suffix	Catalog no.		
15	125	5-15R Single receptacle, side wire	B, BK, LA, V, W	☐ 817__	•	•
20	125	5-20R Single receptacle, side wire	A, B, BK, LA, V, W	☐ 1877__	•	•

Listed to UL498, file no. E15058; CSA certified to C22.2, no. 42; NOM certified

Color ordering information:

For ordering devices, include Catalog no. followed by the Color suffix: A (Almond), B (Brown), BK (Black), GY (Gray), LA (Light Almond), RD (Red), V (Ivory), W (White)

A	B	BK	GY	LA	RD	V	W
(Almond)	(Brown)	(Black)	(Gray)	(Lt. Almond)	(Red)	(Ivory)	(White)

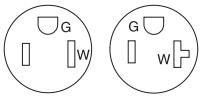
Dimensional information: B-68, B-69
Compliances, specifications and availability are subject to change without notice.

Indicates NAFTA compliant - Page G-21
RoHS compliant - Page G-21
Tamper resistant

Decorator standard grade receptacles

Product description

2-pole, 3-wire grounding
15A & 20A,125V/AC



5-15R **5-20R**

TR1107-9

1107

Design features

- Tamper resistant receptacles provide compliance with 2014 NEC® Article 406.12 which states that all 15A and 20A, 125V/AC receptacles installed in dwelling units must be tamper resistant
- Longer, wider strap provides 40% more contact area to wall board, virtually eliminating floating installations
- Patented built-in wire stripper for #14 and #12 AWG wire to speed installation
- Push-in terminals accept #14 AWG solid wire for quick installation
- Patented built-in wire looper for pre-looping
- High impact-resistant thermoplastic face and back body eliminates breakage
- Double-wipe ground contacts ensure long-term ground retention
- Easy access split circuit break-off tab
- Tri-combo screws accept Slotted, Phillips, and Robertson-head tools for installation flexibility
- Terminal screws backed out and ready for wiring
- Side wire terminals accept up to #10 AWG solid wire

Decorator tamper resistant duplex receptacles

Rating A	Rating V/AC	Description	Color suffix	Catalog no.		
15	125	Tamper resistant NEMA 5-15R decorator duplex receptacle, side & push wire	A, B, BK, GY, LA, V, W	☐ TR1107__	•	•
		Auto grounding tamper resistant NEMA 5-15R decorator duplex receptacle, side & push wire	A, B, BK, LA, V, W	☐ TR1107-9__	•	•
20	125	NEMA 5-20 tamper resistant decorator duplex receptacle, side wire only	A, B, BK, GY, LA, V, W	☐ TR1307__	•	•

cULus Listed to UL498, file no. E15058; NOM certified

Decorator duplex receptacles

Rating A	Rating V/AC	Description	Color suffix	Catalog no.		
15	125	NEMA 5-15R decorator duplex receptacle, side & push wire	A, B, BK, GY, LA, V, W	☐ 1107__	•	•
		Auto grounding NEMA 5-15R decorator duplex receptacle, side & push wire	A, BK, LA, V, W	☐ 1107-9__	•	•

Listed to UL498, file no. E15058; CSA certified to C22.2, no. 42; NOM certified

Color ordering information:

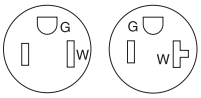
For ordering devices, include Catalog no. followed by the Color suffix: A (Almond), B (Brown), BK (Black), GY (Gray), LA (Light Almond), V (Ivory), W (White)

A	B	BK	GY	LA	V	W
(Almond)	(Brown)	(Black)	(Gray)	(Lt. Almond)	(Ivory)	(White)

Dimensional information: B-68, B-69
Compliances, specifications and availability are subject to change without notice.

Indicates NAFTA compliant - Page G-21
RoHS compliant - Page G-21
Tamper resistant

Standard grade receptacles



5-15R **5-20R**

Product description

2-pole, 3-wire grounding
15A & 20A, 125V/AC

TR270

TWR270

270

Design features

- Tamper resistant receptacles provide compliance with 2014 NEC® Article 406.12 which states that all 15A and 20A, 125V/AC receptacles installed in dwelling units must be tamper resistant
- Tamper and weather resistant receptacles provide both tamper resistant safety and ensure weather resistance in wet and damp outdoor locations
- Longer, wider strap provides 40% more contact area to wall board, virtually eliminating floating installations
- Patented built-in wire stripper for #14 and #12 AWG wire to speed installation
- Push-in terminals accept #14 AWG solid wire for quick installation
- Patented built-in wire looper for pre-looping
- High impact-resistant thermoplastic face and back body eliminates breakage
- Double-wipe ground contacts ensure long-term ground retention
- Easy access split circuit break-off tab
- Tri-combo screws accept Slotted, Phillips, and Robertson-head tools for installation flexibility
- Terminal screws backed out and ready for wiring
- Side wire terminals accept up to #10 AWG solid wire

Tamper resistant duplex receptacles

Rating A	Rating V/AC	Description	Color suffix	Catalog no.		
15	125	Tamper resistant NEMA 5-15R duplex receptacle, side & push wire	A, B, BK, LA, V, W	☐ TR270__	•	•
		Auto grounding tamper resistant NEMA 5-15R, duplex receptacle, side & push wire	A, B, LA, V, W	☐ TR270-9__	•	•
20	125	NEMA 5-20 tamper resistant duplex receptacle, 2-pole, 3-wire, side wire	A, B, BK, GY, LA, V, W	☐ TR370__		•

cULus Listed to UL498, file no. E15058; NOM certified

Tamper & weather resistant duplex receptacles

Rating A	Rating V/AC	Description	Color suffix	Catalog no.		
15	125	Tamper & weather resistant NEMA 5-15R duplex receptacle, side & push wire	GY, LA, V, W	☐ TWR270__	•	•

cULus Listed to UL498, file no. E15058; NOM certified

Duplex receptacles

Rating A	Rating V/AC	Description	Color suffix	Catalog no.		
15	125	NEMA 5-15R duplex receptacle, side & push wire	A, B, BLK, LA, V, W	☐ 270__	•	•
		Auto grounding NEMA 5-15R duplex receptacle, side & push wire	A, B, LA, V, W	☐ 270-9__	•	•
		NEMA 5-15R duplex receptacle, less ears, side & push wire	A, B, BK, LA, V, W	☐ 4270__	•	•

Listed to UL498, file no. E15058; CSA certified to C22.2, no. 42; NOM certified

Color ordering information:

For ordering devices, include Catalog no. followed by the Color suffix: A (Almond), B (Brown), BK (Black), GY (Gray), LA (Light Almond), V (Ivory), W (White)

A	B	BK	GY	LA	V	W
(Almond)	(Brown)	(Black)	(Gray)	(Lt. Almond)	(Ivory)	(White)

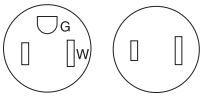
Dimensional information: B-68, B-69
Compliances, specifications and availability are subject to change without notice.

Indicates NAFTA compliant - Page G-21
Tamper resistant
Tamper & weather resistant
RoHS compliant - Page G-21

Standard grade receptacles

Product description

2-pole, 3-wire grounding
2-pole, 2-wire non-grounding
15A, 125V/AC



5-15R 1-15R

298

Duplex receptacles

Rating A	V/AC	Description	Color suffix	Catalog no.		
15	125	NEMA 1-15R duplex receptacle, non-grounding, side wire	B, V, W	☐736__	•	•

Listed to UL498, file no. E15058; NOM certified

Duplex receptacles

Rating A	V/AC	Description	Color suffix	Catalog no.		
15	125	NEMA 5-15R duplex receptacle, 8 quick wire ports, push wire	V, W	☐298__	•	•

Listed to UL498, file no. E15058; CSA certified to C22.2, no. 42; NOM certified

Color ordering information:

For ordering devices, include Catalog no. followed by the Color suffix: B (Brown), V (Ivory), W (White)

B	V	W
(Brown)	(Ivory)	(White)

Dimensional information: B-68
Compliances, specifications and availability are subject to change without notice.

Indicates NAFTA compliant - Page G-21 RoHS compliant - Page G-21

CO/ALR standard grade receptacles

5-15R

Product description

2-pole, 3-wire grounding
15A, 125V/AC

5270

Design features

- For direct connection to aluminum or copper wire
- Double-wipe ground contacts ensure long-term ground retention
- Combination Slotted/Phillips head mounting and terminal screws for installation flexibility
- Easy access split circuit break-off tab
- Terminal screws backed out and ready for wiring
- Side wire terminals accept up to #10 solid copper wire or solid aluminum wire

CO/ALR duplex receptacles

Rating A	Rating V/AC	Description	Color suffix	Catalog no.		
15	125	NEMA 5-15R duplex receptacle, grounding, side wire	V, W	☐5270__	•	•

Listed to UL498, file no. E15058; CSA certified to C22.2, no. 42; NOM certified

Color ordering information:

For ordering devices, include Catalog no. followed by the Color suffix: V (Ivory), W (White)

V	W
(Ivory)	(White)

Dimensional information: B-68
Compliances, specifications and availability are subject to change without notice.

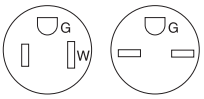
Indicates NAFTA compliant - Page G-21

RoHS compliant - Page G-21

Specialty standard grade receptacles

Product description

2-pole, 3-wire grounding
15A, 125V/AC
15A, 250V/AC



5-15R **6-15R**

TR780

78

TR5797

Design features

- Tamper resistant receptacles provide compliance with 2014 NEC® Article 406.12 which states that all 15A and 20A, 125V/AC receptacles installed in dwelling units must be tamper resistant
- Surface receptacles for use with surface mounted wiring to expand convenience receptacles on solid plaster, brick or concrete walls
- Floor box assembly includes heavy-duty single receptacle on recessed mounting strap, 18 cu. in. steel back box, solid brass cover, gasket and threaded brass closure cap with watertight neoprene rubber "O" ring
- High impact-resistant thermoplastic face and back body eliminates breakage
- Double-wipe ground contacts ensure long-term ground retention
- Tri-combo screws accept Slotted, Phillips, and Robertson-head tools for installation flexibility
- Side wire terminals accept up to #10 AWG solid wire
- Recessed receptacles feature a virtually unbreakable thermoplastic housing and tamper resistant shutters

Recessed receptacles

Rating A	Rating V/AC	Description	Color	Catalog no.	
15	125	Tamper resistant NEMA 5-15R single receptacle, with clock hanger, side wire	W	☐TR775W	•
15	125	Tamper resistant NEMA 5-15R duplex receptacle, push wire side wire	W	☐TR780W	

cULus Listed to UL498, file no. E15058; NOM certified

Surface receptacle NEMA 5-15R

Rating A	Rating V/AC	Description	Color suffix	Catalog no.		
15	125	NEMA 5-15R duplex surface receptacle	B, V	☐78__	•	•

Listed to UL498, file no. E15058; CSA certified to C22.2, no. 42; NOM certified

Surface receptacle NEMA 6-15R

Rating A	Rating V/AC	Description	Color	Catalog no.	
15	250	NEMA 6-15R duplex surface receptacle	V	☐74V	•

Listed to UL498, file no. E15058; NOM certified

Floor box receptacles

Rating A	Rating V/AC	Description	Color	Catalog no.
15	125	Tamper resistant NEMA 5-15R single receptacle brass floor box assembly, back & side wire	BR	☐TR5797

cULus Listed to UL498, file no. E15058

Color ordering information:

For ordering devices, include Catalog no. followed by the Color suffix: B (Black), BR (Brass), V (Ivory), W (White)

B		V	W
(Black)	(Brass)	(Ivory)	(White)

Dimensional information: B-68, B-69
Compliances, specifications and availability are subject to change without notice.

Indicates NAFTA compliant - Page G-21
RoHS compliant - Page G-21
Tamper resistant

Academy series standard grade outlets

1-15R

Product description

2-pole, 2-wire non-grounding
10A, 125V/AC

2607

2609

Design features

- High impact resistant thermoplastic housing is virtually indestructible
- Outlets quickly add a receptacle to ordinary household wire
- Insulation piercing terminals eliminate the need for tools—just snap in unstripped wire and device is ready for use

Academy series outlets

Rating A	V/AC	Description	Color suffix	Catalog no.	
10	125	NEMA 1-15R polarized cord outlet, for 18-2 SPT-1, SPT-2 or HPN cord	B, W	☐2607__	•

Listed to UL498, file no. E15012; NOM certified

Academy series outlets

Rating A	V/AC	Description	Color suffix	Catalog no.	
10	125	NEMA 1-15R in-line outlet, for 18-2 SPT-1 cord	B, BK, W	☐2609__	•

Color ordering information:

For ordering devices, include Catalog no. followed by the Color suffix: B (Brown), BK (Black), W (White)

B	BK	W
(Brown)	(Black)	(White)

Dimensional information: B-69
Compliances, specifications and availability are subject to change without notice.

RoHS compliant - Page G-21

GFCIs

Our Ground Fault Circuit Interrupters (GFCIs) provide state-of-the-art, dependable electric shock protection that is fully compliant with the latest NEC® & UL943 standards including self testing capability. In addition to being tested to the highest standards, our GFCIs will deny power and prevent resetting if the device is no longer able to provide safe, protected power.

GFCI families

Heavy duty grade

B-32–B-35

Tamper resistant heavy duty grade

B-32, B-34

Specialty heavy duty grade

B-35

GFCI colors

- Almond
- Black
- Brown
- Gray
- Ivory
- Lt. Almond
- White

The Eaton difference

- Large visual indicator light gives quick notification of a tripped or "end-of-life" condition
- Unbreakable nylon construction provides unsurpassed chemical and impact resistance
- Ground termination with backwire clamp provides secure wiring and reduces installation time
- Horizontal Test/Reset button alignment provides larger unobstructed area; buttons color matched for superior aesthetics
- Line-load mis-wiring protection, will not provide power downstream when wired incorrectly
- Tamper Resistant versions provide compliance with 2014 NEC® section 406.12 and provide significantly improved protection over traditional receptacles with removable plastic safety caps

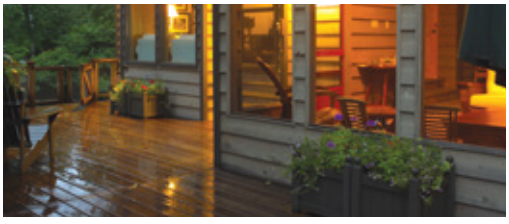
Specific GFCI solutions for today's needs

Tamper resistance

Tamper resistant GFCIs provide shock protection, code compliance, and also deliver automatic, continual protection from electrical injury as a result of inserting foreign objects.

See page B-32

Shown:
TRSGF15

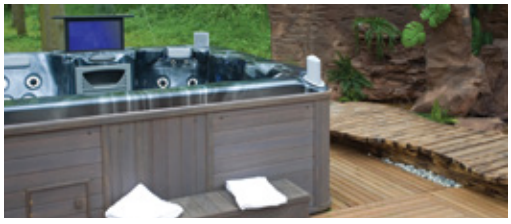


Weather resistance

Weather resistant GFCIs are constructed with enhanced nylon and corrosion resistant metal components for use in outdoor applications with appropriate weatherproof enclosures.

See page B-32

Shown:
WRSGF15



Motor load GFCIs

Our line includes specialty GFCIs for specific needs, like hot tubs requiring installed dead-front GFCI protection, or tight bathroom spaces that need a combination switch and GFCI.

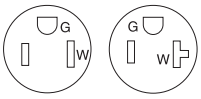
See page B-35

Shown:
SGFD20

Heavy duty grade GFCIs

Product description

2-pole, 3-wire grounding
15A,125V/AC
20A,125V/AC



5-15R 5-20R

TWRSGF15

TRSGF20

Design features

- Tamper resistant receptacles provide compliance with 2014 NEC® Article 406.12 which states that all 15A and 20A, 125V/AC receptacles installed in dwelling units must be tamper resistant
- Weather resistant receptacles comply with 2014 NEC® Article 406.9 that states that all receptacles installed in wet or damp locations must be weather resistant
- UL Listed, fully compliant with all latest UL943 (4th edition) Class A GFCI requirements
- Nightlight is controlled by a light sensor that turns the light on in the dark and off in the light (TRSGFNL15 and TRSGFNL20 only)
- 20A feed-through rating
- Nightlight LEDs produce color temperature of 3000-3500k for a warm "incandescent-like" glow (TRSGFNL15 and TRSGFNL20 only)
- 10 kA short circuit current rating per Supplement SA of UL943
- Lock-out function protects from miswired line-load connections and GFCI circuitry damage
- Visual indicator light provides quick visual reference of a tripped or "end-of-life" condition
- Matching standard size thermoplastic wallplate included unless mid-size noted
- Performs periodic self tests to ensure integrity of GFCI protection
- Automatic grounding system included as standard

Tamper resistant ground fault circuit interrupters

Rating A	Rating V/AC	Description	Color suffix	Catalog no.
15	125	Tamper resistant duplex GFCI with nightlight, back & side wire	A, BK, LA, V, W	☐ TRSGFNL15__
20	125	Tamper resistant duplex GFCI with nightlight, back & side wire	A, BK, LA, V, W	☐ TRSGFNL20__
15	125	Tamper resistant NEMA 5-15R duplex GFCI, back & side wire	A, B, BK, GY, LA, V, W	☐ TRSGF15__
15	125	Tamper resistant NEMA 5-15R duplex GFCI, with mid-size wallplate, back & side wire	A, LA, V, W	☐ TRSGF15__-M
20	125	Tamper resistant NEMA 5-20R duplex GFCI, back & side wire	A, B, BK, GY, LA, RD, V, W	☐ TRSGF20__

cULus Listed to UL498 & UL943, file no. E60120; NOM certified

Tamper & weather resistant ground fault circuit interrupters

Rating A	Rating V/AC	Description	Color suffix	Catalog no.
15	125	Tamper & weather resistant NEMA 5-15R duplex GFCI, back & side wire	B, GY, LA, V, W	☐ TWRSGF15__
20	125	Tamper & weather resistant NEMA 5-20R duplex GFCI, back & side wire	A, B, GY, LA, V, W	☐ TWRSGF20__

cULus Listed to UL498 & UL943, file no. E60120; NOM certified

Weather resistant ground fault circuit interrupters

Rating A	Rating V/AC	Description	Color suffix	Catalog no.
15	125	Weather resistant NEMA 5-15R duplex GFCI, back & side wire	B, GY, V, W	☐ WRSGF15__
20	125	Weather resistant NEMA 5-20R duplex GFCI, back & side wire	B, BK, GY, V, W	☐ WRSGF20__

cULus Listed to UL498 & UL943, file no. E60120; NOM certified

Color ordering information:

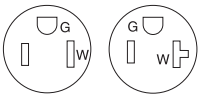
For ordering devices, include Catalog no. followed by the Color suffix: A (Almond), B (Brown), BK (Black), GY (Gray), LA (Light Almond), R (Red), V (Ivory), W (White)

A	B	BK	GY	LA	RD	V	W
(Almond)	(Brown)	(Black)	(Gray)	(Lt. Almond)	(Red)	(Ivory)	(White)

Dimensional information: B-69
Compliances, specifications and availability are subject to change without notice.

TR Tamper resistant
WR Weather resistant
TWR Tamper & weather resistant

Heavy duty grade GFCIs



5-15R 5-20R

Product description

2-pole, 3-wire grounding
15A, 125V/AC
20A, 125V/AC

SGF20

Design features

- UL Listed, fully compliant with all latest UL943 (4th edition) Class A GFCI requirements
- 10 kA short circuit current rating per supplement SA of UL943
- Lock-out function protects from miswired line-load connections and GFCI circuitry damage
- Visual indicator light provides quick visual reference of a tripped or "end-of-life" condition
- 20A feed-through rating
- Matching standard size thermoplastic wallplate included unless mid-size noted
- Automatic grounding system included as standard

Ground fault circuit interrupters

Rating A	Rating V/AC	Description	Color suffix	Catalog no.
15	125	NEMA 5-15R duplex GFCI, back & side wire	A, B, BK, GY, LA, V, W	☐ SGF15__
15	125	NEMA 5-15R duplex GFCI, with mid-size wallplate, back & side wire	A, LA, V, W	☐ SGF15__-M
20	125	NEMA 5-20R duplex GFCI, back & side wire	A, B, BK, GY, LA, RD, V, W	☐ SGF20__

cULus Listed to UL498 & UL943, file no. E60120; NOM certified

Color ordering information:

For ordering devices, include Catalog no. followed by the Color suffix: A (Almond), B (Brown), BK (Black), GY (Gray), LA (Light Almond), R (Red), V (Ivory), W (White)

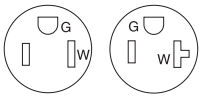
A	B	BK	GY	LA	RD	V	W
(Almond)	(Brown)	(Black)	(Gray)	(Lt. Almond)	(Red)	(Ivory)	(White)

Dimensional information: B-69
Compliances, specifications and availability are subject to change without notice.

Heavy duty grade GFCIs

Product description

2-pole, 3-wire grounding
15A, 125V/AC
20A, 125V/AC



5-15R **5-20R**

SGF20F

Design features

- Tamper resistant receptacles provide compliance with 2014 NEC® Article 406.12 which states that all 15A and 20A, 125V/AC receptacles installed in dwelling units must be tamper resistant
- UL Listed, fully compliant with all latest UL943 (4th edition) Class A GFCI requirements
- 10 kA short circuit current rating per Supplement SA of UL943
- Performs periodic self tests to ensure integrity of GFCI protection
- Large visual indicator light provides quick visual reference of a tripped or "end-of-life" condition
- 20A feed-through rating
- Longer, wider "bridged" strap provides 40% more contact area with wallboard, virtually eliminating floating installations
- Matching standard size thermoplastic wallplate included unless mid-size noted

NAFTA compliant tamper resistant ground fault circuit interrupters

Rating A	Rating V/AC	Description	Color suffix	Catalog no.		
15	125	Tamper Resistant NEMA 5-15R duplex GFCI, back & side wire	B, BK, GY, LA, RD, V, W	☐ TRSGF15F__	•	•
20	125	Tamper Resistant NEMA 5-20R duplex GFCI, back & side wire	B, BK, GY, LA, RD, V, W	☐ TRSGF20F__	•	•

cULus Listed to UL498 & UL943, file no. E60120; NOM certified

NAFTA compliant tamper & weather resistant resistant ground fault circuit interrupters

Rating A	Rating V/AC	Description	Color suffix	Catalog no.		
15	125	Tamper & Weather Resistant NEMA 5-15 duplex GFCI, back & side wire	B, GY, LA, V, W	☐ TWRSGF15F__	•	•
20	125	Tamper & Weather Resistant NEMA 5-15 duplex GFCI, back & side wire	B, GY, LA, V, W	☐ TWRSGF20F__	•	•

cULus Listed to UL498 & UL943, file no. E60120; NOM certified

NAFTA compliant weather resistant ground fault circuit interrupters

Rating A	Rating V/AC	Description	Color suffix	Catalog no.		
15	125	Weather Resistant NEMA 5-15 duplex GFCI, back & side wire	B, GY, V, W	☐ WRSGF15F__	•	•
20	125	Weather Resistant NEMA 5-15 duplex GFCI, back & side wire	B, GY, V, W	☐ WRSGF20F__	•	•

cULus Listed to UL498 & UL943, file no. E60120; NOM certified

NAFTA compliant ground fault circuit interrupters

Rating A	Rating V/AC	Description	Color suffix	Catalog no.		
15	125	NEMA 5-15R duplex GFCI, back & side wire	B, BK, GY, LA, RD, V, W	☐ SGF15F__	•	•
20	125	NEMA 5-20R duplex GFCI, back & side wire	B, BK, GY, LA, RD, W	☐ SGF20F__	•	•

cULus Listed to UL498 & UL943, file no. E60120; NOM certified

Color ordering information:

For ordering devices, include Catalog no. followed by the Color suffix: A (Almond), B (Brown), BK (Black), GY (Gray), LA (Light Almond), R (Red), V (Ivory), W (White)

A	B	BK	GY	LA	RD	V	W
(Almond)	(Brown)	(Black)	(Gray)	(Lt. Almond)	(Red)	(Ivory)	(White)

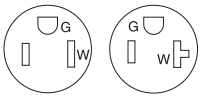
Dimensional information: B-69
Compliances, specifications and availability are subject to change without notice.

Indicates NAFTA compliant - Page G-21
RoHS compliant - Page G-21
Tamper resistant
Tamper & weather resistant
Weather resistant

Specialty heavy duty grade GFCIs

Product description

2-pole, 3-wire grounding
15A, 125V/AC
20A, 125V/AC



5-15R **5-20R**

SGFS15

Combination ground fault circuit interrupter & switch

Rating A	Rating V/AC	Description	Color suffix	Catalog no.
15	125	Combination NEMA 5-15R GFCI with feed-through single-pole switch, rated 1800W @ 120V/AC, 60Hz, with mid-size wallplate, back & side wire	A, LA, V, W	☐ SGFS15__-MSP

cULus Listed to UL498 & UL943, file no. E60120; NOM certified

SGFD20

Dead front ground fault circuit interrupter

Rating A	Rating V/AC	Description	Color suffix	Catalog no.
20	125	Blank face dead front GFCI, rated as 1.5 HP motor control switch, back & side wire	A, BK, LA, V, W	☐ SGFD20__

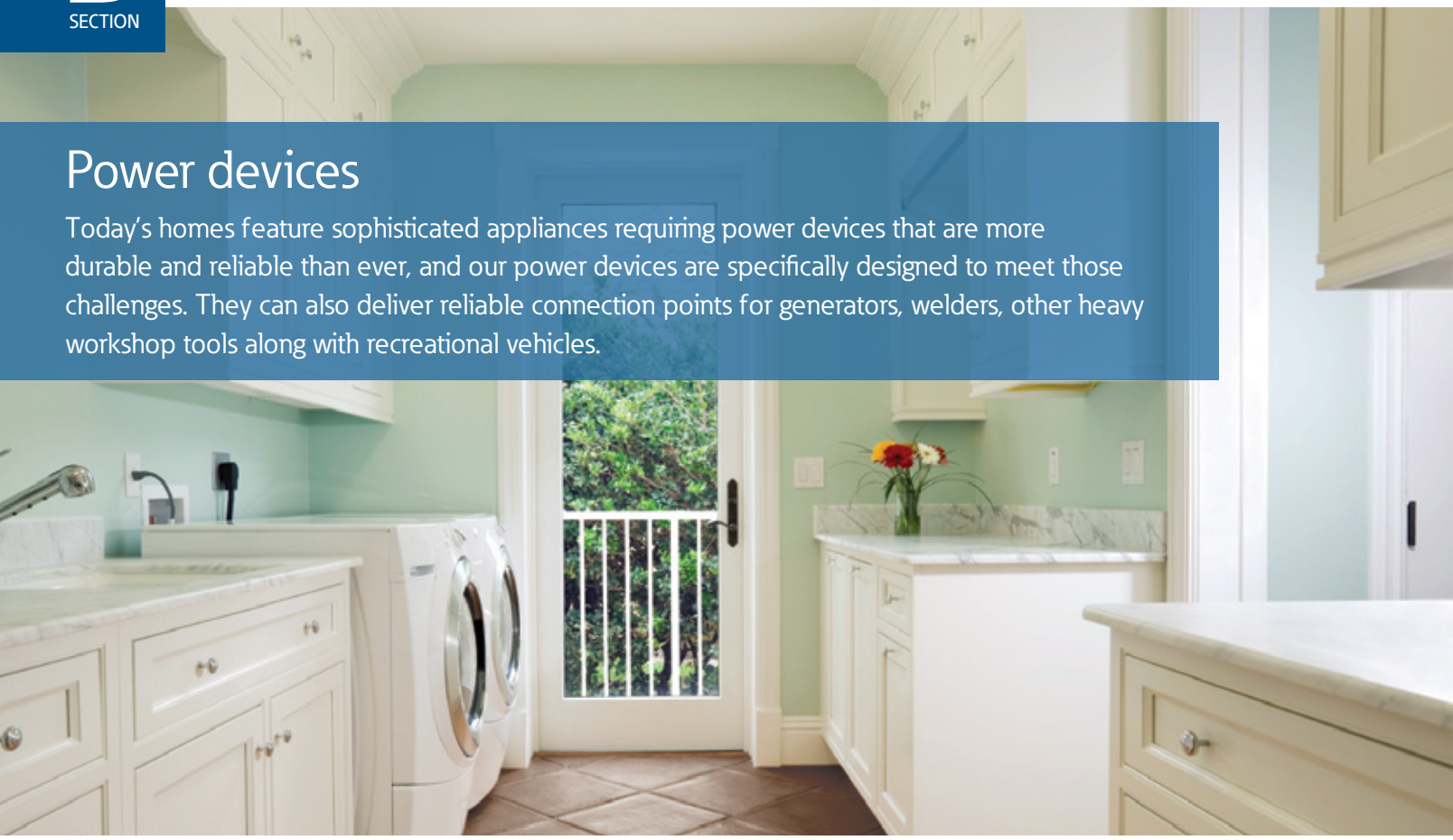
cULus Listed to UL498 & UL943, file no. E60120; NOM certified

Color ordering information:

For ordering devices, include Catalog no. followed by the Color suffix: A (Almond), B (Brown), BK (Black), GY (Gray), LA (Light Almond), R (Red), V (Ivory), W (White)

A	B	BK	GY	LA	RD	V	W
(Almond)	(Brown)	(Black)	(Gray)	(Lt. Almond)	(Red)	(Ivory)	(White)

Dimensional information: B-69
Compliances, specifications and availability are subject to change without notice.



Power devices

Today's homes feature sophisticated appliances requiring power devices that are more durable and reliable than ever, and our power devices are specifically designed to meet those challenges. They can also deliver reliable connection points for generators, welders, other heavy workshop tools along with recreational vehicles.

Power device families

Range & dryer power receptacles

B-38

Range & dryer power plugs

B-40

Heavy duty grade power receptacles

B-41

Heavy duty grade power plugs & adapters

B-44

Power device colors

Almond

Black

Brown

Ivory

Lt. Almond

Stainless Steel

White

The Eaton difference

- Receptacles will accept copper or aluminum wire
- Surface mount receptacles feature patented lay-in terminals that accept up to #4 AWG wire
- Surface mount receptacles allow wiring from back or bottom and feature concentric back knockouts plus an adjustable cord clamp
- Flush mount receptacles feature a heavy gauge galvanized steel mounting strap for corrosion resistance and fit in either 1- or 2-Gang enclosures
- "Universal" model plugs include blades for both 30A & 50A configurations of the same voltage
- Plug terminals feature pressure plates to protect wires

Specific power device solutions for today's needs

Remodel/retrofit solutions

Homes built prior to 1996 that haven't been re-wired will typically use 3-wire non-grounding connection points for ranges and dryers, which we support with a complete line of power devices.

See page B-38

Shown:
32B

Newer home solutions

Current code requires range & dryer applications to use 4-wire grounding connections. Homes built after 1996 usually have 4-wire grounding connection points for dryers & ranges.

See page B-40

Shown:
S21

Solutions for welders, generators and RVs

Power devices are also used by other equipment. Our broad offering includes 30A, 50A & 60A devices for specialty connection point needs.

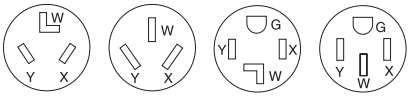
See pages B-41 to B-44

Shown:
1264

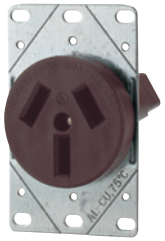
Range & dryer power receptacles

Product description

3-pole, 3-wire non-grounding
30A, 125/250V/AC
50A, 125/250V/AC



10-30R **10-50R** **14-30R** **14-50R**



32B

112

1258

Design features

- For replacement use in older homes with 3-wire range and dryer connection points
- Heavy gauge galvanized steel mounting strap for corrosion resistance
- Flush receptacles fit one-gang or two-gang enclosures
- For use with copper or aluminum wire
- Surface receptacles have patented lay-in terminals that accept up to #4 AWG wire
- Surface receptacle backs feature concentric knockouts and an adjustable cord clamp to allow wiring from back or bottom

Flush power receptacles

Rating A	V/AC	NEMA	Description	Color	Catalog no.		
30	125/250	10-30R	Flush mount dryer power receptacle, matching plug S80	B	☐ 38B	•	•
50	125/250	10-50R	Flush mount range power receptacle, matching plug S80	B	☐ 32B	•	•

Listed to UL498 & UL943, file no. E60120; NOM certified

Surface power receptacles

Rating A	V/AC	NEMA	Description	Color	Catalog no.		
30	125/250	10-30R	Flush mount dryer power receptacle, matching plug S80	BK	☐ 125	•	•
50	125/250	10-50R	Flush mount range power receptacle, matching plug S80	BK	☐ 112	•	•

Listed to UL498, file no. E15058; NOM certified

Flush power receptacles

Rating A	V/AC	NEMA	Description	Color	Catalog no.		
30	125/250	14-30R	Flush mount dryer power receptacle, matching plug S21	BK	☐ 1257	•	•
50	125/250	14-50R	Flush mount range power, matching plug S21	BK	☐ 1258	•	•

Listed to UL498, file no. E15058; CSA certified to C22.2, no. 42; NOM certified

Color ordering information:

B (Brown), BK (Black)

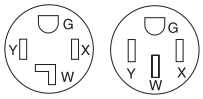
B	BK
(Brown)	(Black)

Dimensional information: B-70
Compliances, specifications and availability are subject to change without notice.

Indicates NAFTA compliant - Page G-21

RoHS compliant - Page G-21

Range & dryer power receptacles



14-30R **14-50R**

Product description

3-pole, 4-wire grounding
30A, 125/250V/AC
50A, 125/250V/AC

1212

58

Surface power receptacles

Rating A	V/AC	NEMA	Description	Color	Catalog no.		
30	125/250	14-30R	Surface mount dryer power receptacle, matching plug S21	BK	☐1225	•	•
50	125/250	14-50R	Surface mount range power receptacle, matching plug S21	BK	☐1212	•	•

Listed to UL498, file no. E15058; CSA certified to C22.2, no. 42; NOM certified

Panel power receptacles

Rating A	V/AC	NEMA	Description	Color	Catalog no.		
50	125/250	14-50R	Panel mount range power receptacle, matching plug S21	BK	☐58	•	•

Listed to UL498, file no. E15058; CSA certified to C22.2, no. 42; NOM certified

Compatible wallplates / standard size for flush power receptacles

Description	Color suffix	Catalog no.		
Thermoset 1-Gang wallplate for one power receptacle	A, B, V, W	☐2068__	•	•
Thermoset 2-Gang wallplate for one power receptacle	A, B, LA, V, W	☐2168__	•	•
Nylon 1-Gang wallplate for one power receptacle	V	☐5068	•	•
Polycarbonate 1-Gang wallplate of one power receptacle	B, BK, V, W	☐PJ724__		•
Polycarbonate 2-Gang wallplate for one power receptacle	B, V, W	☐PJ703__		•
Stainless steel 1-Gang wallplate for one power receptacle	Stainless Steel	☐93221*	•	•
Stainless steel 2-Gang wallplate for one power receptacle	Stainless Steel	☐93227*	•	•

Listed to UL498, file no. E15058; *CSA certified to C22.2, no. 42

Color ordering information:

For ordering devices, include Catalog no. followed by the Color suffix: A (Almond), B (Brown), BK (Black), LA (Light Almond), V (Ivory), Stainless Steel, W (White)

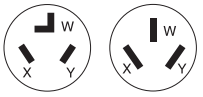
A	B	BK	LA	V		W
(Almond)	(Brown)	(Black)	(Lt. Almond)	(Ivory)	(Stainless Steel)	(White)

Dimensional information: B-70
Compliances, specifications and availability are subject to change without notice.

Indicates NAFTA compliant - Page G-21

RoHS compliant - Page G-21

Range & dryer power plugs



10-30P 10-50P

Product description

3-pole, 3-wire non-grounding
30A,125/250V/AC
50A,125/250V/AC

S80

Design features

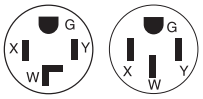
- For replacement use in older homes with 3-wire range and dryer connection points
- Universal plugs include blades for both 30A and 50A configurations of the same voltage
- Terminals have pressure plates to protect wires
- Body made of abuse-resistant thermoplastic
- Accepts #10 - #8 AWG wire

Universal power plugs

Rating A	V/AC	NEMA	Description	Color	Catalog no.
30	125/250	10-30P/10-50P	Universal range or dryer power plug; matching receptacles 38B, 125	BK	☐ S80
50	125/250	10-30P/10-50P	Angled range or dryer power plug; matching receptacles 32B, 112		

Listed to UL498, file no. E15012; NOM certified

Range & dryer power plugs



14-30P 14-50P

Product description

3-pole, 4-wire grounding
30A, 125/250V/AC
50A, 125/250V/AC

S21

Design features

- For replacement use in newer homes with 4-wire range and dryer connection points
- Universal plugs include blades for both 30A and 50A configurations of the same voltage
- Terminals have pressure plates to protect wires
- Body made of durable thermoplastic
- Accepts #10 - #4 AWG wire

Universal power plugs

Rating A	V/AC	NEMA	Description	Color	Catalog no.
30	125/250	14-30P/14-50P	Universal NEMA range or dryer power plug; matching receptacles 1257, 1225	BK	☐ S21
50	125/250	14-30P/14-50P	Angled NEMA range or dryer power plug; matching receptacles 1212, 1258		

Listed to UL498, file no. E15012; NOM certified

Color ordering information:

BK (Black)

BK

(Black)

Dimensional information: B-70
Compliances, specifications and availability are subject to change without notice.

Indicates NAFTA compliant - Page G-21

RoHS compliant - Page G-21

Heavy duty grade power receptacles

TT-30R 5-30R 6-30R

Product description

2-pole, 3-wire grounding
30A, 125V/AC
30A, 250V/AC

1263

1232

U1263

Design features

- Heavy gauge galvanized steel mounting strap for corrosion resistance
- For use with copper or aluminum wire
- Flush receptacles fit one-gang or two-gang enclosures
- Surface receptacles have patented lay-in terminals that accept up to #4 AWG wire
- Surface receptacle backs feature concentric knockouts and an adjustable cord clamp to allow wiring from back or bottom

Flush power receptacles

Rating A	V/AC	NEMA	Description	Color	Catalog no.		
30	125	TT-30R	Flush mount power receptacle, matching plug 83	BK	☐1263	•	•

Listed to UL498, file no. E15058; CSA certified to CSA C22.2, no. 42

Flush power receptacles

Rating A	V/AC	NEMA	Description	Color	Catalog no.		
30	125	5-30R	Flush mount power receptacle, matching plug S41	BK	☐1233	•	•
30	250	6-30R	Flush mount power receptacle, matching plug S42	BK	☐1234	•	•

Listed to UL498, file no. E15058; CSA certified to C22.2, no. 42; NOM certified

Surface power receptacle

Rating A	V/AC	NEMA	Description	Color	Catalog no.		
30	250	6-30R	Surface mount power receptacle, matching plug S42	BK	☐1232	•	•

Listed to UL498, file no. E15058; CSA certified to C22.2, no. 42; NOM certified

Panel power receptacles

Rating A	V/AC	NEMA	Description	Color	Catalog no.		
30	125	TT-30R	Panel mount power receptacle, matching plug 83	BK	☐U1263	•	•

Listed to UL498, file no. E15058; CSA certified to C22.2, no. 42; NOM certified

Color ordering information:

BK (Black)

BK

(Black)

Dimensional information: B-70
Compliances, specifications and availability are subject to change without notice.

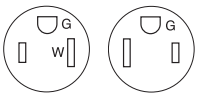
Indicates NAFTA compliant - Page G-21

RoHS compliant - Page G-21

Heavy duty grade power receptacles

Product description

2-pole, 3-wire grounding
50A, 125V/AC
50A, 250V/AC



5-50R **6-50R**

1253

1252

Design features

- Heavy gauge galvanized steel mounting strap for corrosion resistance
- For use with copper or aluminum wire
- Flush receptacles fit one-gang or two-gang enclosures
- Surface receptacles have patented lay-in terminals that accept up to #4 AWG wire
- Surface receptacle backs feature concentric knockouts and an adjustable cord clamp to allow wiring from back or bottom

Flush power receptacles

Rating A	Rating V/AC	NEMA	Description	Color	Catalog no.		
50	125	5-50R	Flush mount power receptacle, matching plug A41	BK	☐ 1253	•	•
50	250	6-50R	Flush mount power receptacle, matching plug S42	BK	☐ 1254	•	•

Listed to UL498, file no. E15058; CSA certified to CSA C22.2, no. 42

Surface power receptacles

Rating A	Rating V/AC	NEMA	Description	Color	Catalog no.		
50	250	6-50R	Surface mount power receptacle, matching plug S42	BK	☐ 1252	•	•

Listed to UL498, file no. E15058; CSA certified to C22.2, no. 42; NOM certified

Compatible wallplates / standard size for flush power receptacles

Description	Color suffix	Catalog no.		
Thermoset 1-Gang wallplate for one power receptacle	A, B, V, W	☐ 2068__	•	•
Thermoset 2-Gang wallplate for one power receptacle	A, B, LA, V, W	☐ 2168__	•	•
Nylon 1-Gang wallplate for one power receptacle	V	☐ 5068	•	•
Polycarbonate 1-Gang wallplate of one power receptacle	B, BK, V, W	☐ PJ724__		•
Polycarbonate 2-Gang wallplate for one power receptacle	B, V, W	☐ PJ703__		•
Stainless steel 1-Gang wallplate for one power receptacle	Stainless Steel	☐ 93221*	•	•
Stainless steel 2-Gang wallplate for one power receptacle	Stainless Steel	☐ 93227*	•	•

Listed to UL498, file no. E15058, *CSA certified to C22.2, no. 42

Color ordering information:

For ordering devices, include Catalog no. followed by the Color suffix: A (Almond), B (Brown), BK (Black), LA (Light Almond), V (Ivory), Stainless Steel, W (White)

A	B	BK	LA	V		W
(Almond)	(Brown)	(Black)	(Lt. Almond)	(Ivory)	(Stainless Steel)	(White)

Dimensional information: B-70
Compliances, specifications and availability are subject to change without notice.

Indicates NAFTA compliant - Page G-21 RoHS compliant - Page G-21

Heavy duty grade power receptacles

10-20R

Product description

3-pole, 3-wire non-grounding
20A, 125/250V/AC
60A, 125/250V/AC

805

Design features

- Heavy gauge galvanized steel mounting strap for corrosion resistance
- For use with copper wire
- Accepts #14 - #10 AWG wire

Flush power receptacles

Rating A	V/AC	NEMA	Description	Color	Catalog no.		
20	125/250	10-20R	Flush mount power receptacle, side wire, matching plug 2836	V	☐805V	•	•

Listed to UL498, file no. E15058; CSA certified to CSA C22.2, no. 42; NOM certified

Heavy duty grade power receptacles

14-60R

Product description

3-pole, 4-wire grounding
60A, 125/250V/AC

60

Design features

- For use with copper or aluminum wire
- Accepts #4 - #10 AWG wire

Panel power receptacles

Rating A	V/AC	NEMA	Description	Color	Catalog no.		
60	125/250	14-60R	Panel mount power receptacle, matching plug S20	BK	☐60	•	•

Listed to UL498, file no. E15058; CSA certified to C22.2, no. 42; NOM certified

Compatible wallplates / standard size for panel mount power receptacles

Description	Color suffix	Catalog no.		
Nylon 2-Gang wallplate for one power receptacle	V, W	☐5169__	•	•
Stainless steel 2-Gang wallplate for one power receptacle	Stainless Steel	☐93223	•	•

Color ordering information:

For ordering devices, include Catalog no. followed by the Color suffix: BK (Black), V (Ivory), Stainless Steel, W (White)

BK	V		W
(Black)	(Ivory)	(Stainless Steel)	(White)

Dimensional information: B-70
Compliances, specifications and availability are subject to change without notice.

Indicates NAFTA compliant - Page G-21

RoHS compliant - Page G-21

Heavy duty grade power plugs & adapters

TT-30R

Product description

2-pole, 3-wire grounding
30A, 125/250V/AC
50A, 125/250V/AC

83

1264

Design features

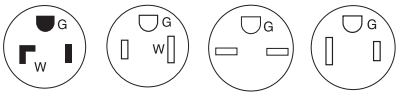
- Terminals have pressure plates to protect wires
- 83 accepts #12 - #10 AWG wire
- 1264 adapts travel trailer plug to female 15A or 20A, 125V/AC NEMA 5-15R or 5-20R receptacle

Power plugs & adapters

Rating A	Rating V/AC	NEMA	Description	Color	Catalog no.		
30	125	TT-30P	Angled power plug, matching receptacle 1263	BK	☐ 83	•	•
		TT-30	Travel trailer receptacle to NEMA 5-15/5-20P plug adapter	BK	☐ 1264[Δ]	•	

[Δ] Not UL listed. 83: Listed to UL498, file no. E15012; CSA certified to C22.2, no. 42; NOM certified

Heavy duty grade power plugs & adapters



5-30P 5-50R 6-30R 6-50R

Product description

2-pole, 3-wire grounding
30A, 125V/AC; 30A, 250V/AC
50A, 125V/AC; 50A, 250V/AC

S41

S42

Design features

- Universal plugs include blades for both 30A and 50A configurations of the same voltage
- Terminals have pressure plates to protect wires
- Bodies made of durable thermoplastic
- Accepts #10 - #6 AWG wire

Universal power plugs

Rating A	Rating V/AC	NEMA	Description	Color	Catalog no.		
30	125	5-30P/5-50P	Universal power plug, matching receptacle 1233	BK	☐ S41	•	•
50	125	5-30P/5-50P	Angled power plug, matching receptacle 1253				

Listed to UL498, file no. E15012; CSA certified to C22.2, no. 42; NOM certified

Universal power plugs

Rating A	Rating V/AC	NEMA	Description	Color	Catalog no.		
30	250	6-30P/6-50P	Universal power plug; matching receptacles 1232, 1234	BK	☐ S42	•	•
50	250	6-30P/6-50P	Angled power plug; matching receptacles 1252, 1254				

Listed to UL498, file no. E15012; CSA certified to C22.2, no. 42; NOM certified

Color ordering information:

BK (Black)

BK
(Black)

Dimensional information: B-70
Compliances, specifications and availability are subject to change without notice.

Indicates NAFTA compliant - Page G-21 RoHS compliant - Page G-21

Heavy duty grade power plugs & adapters

10-20P

Product description

3-pole, 3-wire non-grounding
30A, 125/250V/AC
60A, 125/250V/AC

2836

Design features

- Armored housing resists abuse and is automatically grounded
- Solid brass plug blades are firmly embedded in body
- Terminals in individual chambers to positively insulate conductors
- Accepts #14 - #10 AWG wire

Power plugs

c UL us NOM 426

Rating A	V/AC	NEMA	Description	Color	Catalog no.
30	125	10-20P	Power plug; matching receptacle 805	Y	☐ 2836

cULus Listed to UL498, file no. E15012; NOM certified

Heavy duty grade power plugs & adapters

14-60P

Product description

3-pole, 4-wire grounding
60A, 125/250V/AC

S20

Design features

- Terminals have pressure plates to protect wires
- Body made of abuse-resistant thermoplastic
- Accepts #10 - #6 AWG wire

Power plugs

c UL us NOM 426

Rating A	V/AC	NEMA	Description	Color	Catalog no.		
60	125/250	14-60P	Angled power plug, matching receptacle 60	BK	☐ S20	•	•

cULus Listed to UL498, file no. E15012; NOM certified

Color ordering information:

BK (Black), Y (Yellow)

BK	Y
(Black)	(Yellow)

Dimensional information: B-70
Compliances, specifications and availability are subject to change without notice.

Indicates NAFTA compliant - Page G-21

RoHS compliant - Page G-21

Plugs & connectors

Our compact yet rugged plugs and connectors are available in a broad range of designs, materials and configurations for virtually any replacement application or do-it-yourself extension cord creation. Heavy duty grade devices are ideal for more abusive use while standard grade is ideal for everyday items like lamps and vacuums.

Plug & connector families

Heavy duty grade quick grip

B-48

Heavy duty grade vinyl

B-49

Heavy duty & standard grade rubber

B-52

Standard grade spring action

B-53

Standard grade thermoplastic

B-54

Academy series plugs

B-55

The Eaton difference

- High impact-resistant housings for long-term durability
- Plug blades firmly embedded in body
- Angled plugs allow placement of cords in convenient locations
- Heavy duty grade plugs feature solid brass plug blades and terminals in individual chambers for positive conductor insulation
- Heavy duty grade plugs & connectors feature strain relief clamps to extend cord life
- Spring action plugs & connectors are designed for easy installation and some also provide an integrated cord clip for storage on appliances
- Academy series plugs feature insulation-piercing terminals that eliminate wire stripping

Specific plug & connector solutions for today's needs

Extension cords

Heavy-duty extension cord ends receive a lot of abuse in working situations. Quick grip plugs & connectors install easily, speeding replacement, and are built to last.

See page B-48

Shown:
AH5965

Cold conditions

Most plastics become more brittle and the chance of breakage increases below freezing. Rubber plugs & connectors keep flexibility in lower temperatures for less breakage.

See page B-52

Shown:
1709

Appliance cord end replacement

Household appliances often require cord end replacement. Spring action plugs are available with cord clips and are quick and easy to install.

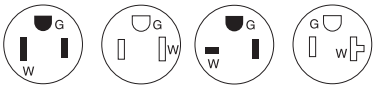
See page B-53

Shown:
SA940

Heavy duty grade quick grip plugs & connectors

Product description

2-pole, 3-wire grounding
15A,125V/AC
20A,125V/AC



5-15P 5-15R 5-20P 5-20R

AH5965

AH5669

Design features

- Single-piece hinged body reduces number of assembly screws and speeds installation
- Signature exterior design molds to hand with scallop feature for extra grip to ease insertion and removal
- Rugged nylon construction resists abuse
- Clear terminal cover for visual verification of secure termination
- Roomy wiring chamber and terminal cover featuring large funneled wire entry for easy and proper wire installation
- Tri-combo screws accept Slotted, Phillips, and Robertson-head tools for installation flexibility

Quick grip plugs & connectors

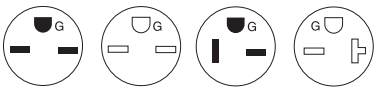
Rating A	Rating V/AC	Description	Cord diameter	Color suffix	Plug catalog no.	Connector catalog no.	RoHS
15	125	NEMA 5-15, straight body	0.22-0.66" (5.6-16.8mm)	BK, Y	☐ AH5965__	☐ AH5969__	•
20	125	NEMA 5-20, straight body	0.22-0.66" (5.6-16.8mm)	BK, Y	☐ AH5364__	☐ AH5369__	•

cULus Listed to UL498, file no. E15012; certified to CSA C22.2, no. 42; UL verified to Federal Spec. WC-596G

Heavy duty grade quick grip plugs & connectors

Product description

2-pole, 3-wire grounding
15A, 250V/AC
20A, 250V/AC



6-15P 6-15R 6-20P 6-20R

Design features

- Single-piece hinged body reduces number of assembly screws and speeds installation
- Signature exterior design molds to hand with scallop feature for extra grip to ease insertion and removal
- Rugged nylon construction resists abuse
- Clear terminal cover for visual verification of secure termination
- Roomy wiring chamber and terminal cover featuring large funneled wire entry for easy and proper wire installation
- Tri-combo screws accept Slotted, Phillips, and Robertson-head tools for installation flexibility

Quick grip plugs & connectors

Rating A	Rating V/AC	Description	Cord diameter	Color suffix	Plug catalog no.	Connector catalog no.	RoHS
15	250	NEMA 6-15, straight body	0.22-0.66" (5.6-16.8mm)	BK, Y	☐ AH5666__	☐ AH5669__	•
20	250	NEMA 6-20, straight body	0.22-0.66" (5.6-16.8mm)	BK, Y	☐ AH5464__	☐ AH5469__	•

cULus Listed to UL498, file no. E15012; certified to CSA C22.2, no. 42; UL verified to Federal Spec. WC-596G

Color ordering information:

For ordering devices, include Catalog no. followed by the Color suffix: BK (Black), Y (Yellow)

BK (Black) Y (Yellow)

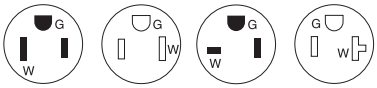
Dimensional information: B-70
Compliances, specifications and availability are subject to change without notice.

RoHS compliant - Page G-21

Heavy duty grade armored vinyl plugs & connectors

Product description

2-pole, 3-wire grounding
15A, 125V/AC
20A, 125V/AC



5-15P 5-15R 5-20P 5-20R

2867

2227

Design features

- Armored housing resists abuse and is automatically grounded
- Solid brass plug blades are firmly embedded in body
- Terminals in individual chambers to positively insulate conductors
- Terminal screws backed out and ready for wiring
- Terminal screw clamps are designed to contain wire and prevent binding
- Combination Slot/Phillips head mounting and terminal screws for installation flexibility (Slot/Robertson screws in Canada where available)

Armored vinyl plugs & connectors

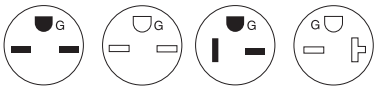
Rating A	Rating V/AC	Description	Cord diameter	Color	Plug catalog no.	Connector catalog no.		
15	125	NEMA 5-15, straight body	0.25-0.63" (6.4-16.0mm)	Y	☐2867	☐2887	•	•
20	125	NEMA 5-20, straight body	0.25-0.63" (6.4-16.0mm)	Y	☐2809	☐2228	•	•

Listed to UL498, file no. E15012; CSA certified to C22.2, no. 42; NOM certified

Heavy duty grade armored vinyl plugs & connectors

Product description

2-pole, 3-wire grounding
15A, 250V/AC
20A, 250V/AC



6-15P 6-15R 6-20P 6-20R

Design features

- Armored housing resists abuse and is automatically grounded
- Solid brass plug blades are firmly embedded in body
- Terminals in individual chambers to positively insulate conductors
- Terminal screws backed out and ready for wiring
- Terminal screw clamps are designed to contain wire and prevent binding
- Combination Slot/Phillips-head mounting and terminal screws for installation flexibility (Slot/Robertson screws in Canada where available)

Armored vinyl plugs & connectors

Rating A	Rating V/AC	Description	Cord diameter	Color	Plug catalog no.	Connector catalog no.		
15	250	NEMA 6-15, straight body	0.25-0.63" (6.4-16.0mm)	Y	☐2866	☐2227	•	•
20	250	NEMA 6-20, straight body	0.25-0.63" (6.4-16.0mm)	Y	☐3809	☐2229	•	•

Listed to UL498, file no. E15012; CSA certified to C22.2, no. 42; NOM certified

Color ordering information:

Y (Yellow)

Y

(Yellow)

Dimensional information: B-70
Compliances, specifications and availability are subject to change without notice.

Indicates NAFTA compliant - Page G-21 RoHS compliant - Page G-21

Heavy duty grade armored vinyl plugs & connectors

7-15P

Product description

2-pole, 3-wire grounding
15A, 277V/AC

2839

Design features

- Armored housing resists abuse and is automatically grounded
- Solid brass plug blades are firmly embedded in body
- Terminals in individual chambers to positively insulate conductors
- Terminal screws backed out and ready for wiring
- Terminal screw clamps are designed to contain wire and prevent binding
- Combination Slot/Phillips-head mounting and terminal screws for installation flexibility (Slot/Robertson screws in Canada where available)

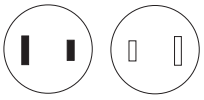
Armored vinyl plugs & connectors

Rating A	Rating V/AC	Description	Cord diameter	Color	Plug catalog no.	Connector catalog no.		
15	277	NEMA 7-15, straight body	0.25-0.63" (6.4-16.8mm)	Y	☐2839	—	•	•

Listed to UL498, file no. E15012; CSA certified to C22.2, no. 42

4862

Heavy duty grade vinyl plugs & connectors


1-15P 1-15R

Product description

2-pole, 2-wire non-grounding
15A, 125V/AC

Design features

- Solid brass plug blades are firmly embedded in body
- Vinyl plugs and connectors resist chemical attack and are less brittle in extremely low temperatures
- Vinyl angle plugs have eight possible positions for maximum convenience
- Terminal screws backed out and ready for wiring
- Terminals in individual chambers to positively insulate conductors
- Terminal screw clamps are designed to contain wire and prevent binding
- Combination Slot/Phillips-head mounting and terminal screws for installation flexibility (Slot/Robertson screws in Canada where available)

Vinyl plugs & connectors

Rating A	Rating V/AC	Description	Cord diameter	Color	Plug catalog no.	Connector catalog no.		
15	125	NEMA 1-15, straight body	0.25-0.63" (6.4-16.0mm)	Y	☐4862	☐4882	•	•

Listed to UL498, file no. E15012; CSA certified to C22.2, no. 42; NOM certified except 4882

Color ordering information:

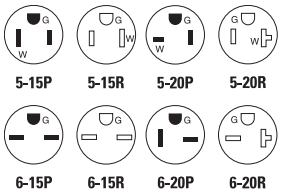
Y (Yellow)

Y
(Yellow)

Dimensional information: B-70
Compliances, specifications and availability are subject to change without notice.

Indicates NAFTA compliant - Page G-21
RoHS compliant - Page G-21

Heavy duty grade vinyl plugs & connectors



Product description

2-pole, 3-wire grounding
15A & 20A, 125V/AC
15A & 20A, 250V/AC

4867ANW

4229

Design features

- Solid brass plug blades are firmly embedded in body
- Vinyl plugs and connectors resist chemical attack and are less brittle in extremely low temperatures
- Vinyl angle plugs have eight possible positions for maximum convenience
- Terminal screws backed out and ready for wiring
- Terminals in individual chambers to positively insulate conductors
- Terminal screw clamps are designed to contain wire and prevent binding
- Combination Slot/Phillips-head mounting and terminal screws for installation flexibility (Slot/Robertson screws in Canada where available)

Vinyl plugs & connectors

Rating A	Rating V/AC	Description	Cord diameter	Color	Plug catalog no.	Connector catalog no.		
15	125	NEMA 5-15, straight body	0.25-0.66" (6.4-16.6mm)	Y	☐ 4867	☐ 4887	•	•
15	125	NEMA 5-15, straight body	0.25-0.66" (6.4-16.6mm)	BK	☐ 4867BK	☐ 4887BK	•	•
15	125	NEMA 5-15, angled body	0.25-0.66" (6.4-16.6mm)	Y	☐ 4867AN		•	•
15	125	NEMA 5-15, angled body	0.25-0.66" (6.4-16.6mm)	W	☐ 4867ANW		•	•
20	125	NEMA 5-20, straight body	0.25-0.66" (6.4-16.6mm)	Y	☐ 4409	☐ 4228	•	•

Listed to UL498, file no. E15012; CSA certified to C22.2, no. 42; NOM certified except 4228

Vinyl plugs & connectors

Rating A	Rating V/AC	Description	Cord diameter	Color	Plug catalog no.	Connector catalog no.		
—	—	NEMA 5-20, angled body	0.25-0.66" (6.4-16.6mm)	Y	☐ 4409AN		•	•

Listed to UL498, file no. E15012; CSA certified to C22.2, no. 42; NOM certified except 4227 & 4229

Vinyl plugs & connectors

Rating A	Rating V/AC	Description	Cord diameter	Color	Plug catalog no.	Connector catalog no.		
15	250	NEMA 6-15, straight body	0.25-0.66" (6.4-16.6mm)	Y	☐ 4866	☐ 4227	•	•
15	250	NEMA 6-15, angled body	0.25-0.66" (6.4-16.6mm)	Y	☐ 4866AN		•	•
20	250	NEMA 6-20, straight body	0.25-0.66" (6.4-16.6mm)	Y	☐ 4509	☐ 4229	•	•
20	250	NEMA 6-20, angled body	0.25-0.66" (6.4-16.6mm)	Y	☐ 4509AN		•	•

Listed to UL498, file no. E15012; CSA certified to C22.2, no. 42; NOM certified except 4227 & 4229

Color ordering information:

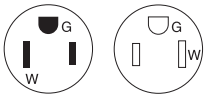
Y (Yellow), W (White), For ordering 4887, include Catalog no. followed by the Color suffix: BK (Black), Y (Yellow)

BK (Black) Y (Yellow) W (White)

Dimensional information: B-70
Compliances, specifications and availability are subject to change without notice.

Indicates NAFTA compliant - Page G-21 RoHS compliant - Page G-21

Heavy duty grade rubber plugs & connectors



5-15P 5-15R

Product description

2-pole, 3-wire grounding
15A, 125V/AC

1709

Design features

- Solid brass plug blades are firmly embedded in body
- Thermoplastic rubber plugs & connectors maintain flexibility in extremely low temperatures
- Terminals in individual chambers to positively insulate conductors
- Terminal screw clamps are designed to contain wire and prevent binding
- Terminal screws backed out and ready for wiring
- Combination Slot/Phillips-head mounting and terminal screws for installation flexibility (Slot/Robertson screws in Canada where available)

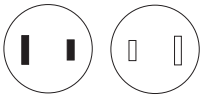
Thermoplastic rubber plugs & connectors

Rating A	Rating V/AC	Description	Cord diameter	Color	Plug catalog no.	Connector catalog no.		
15	125	NEMA 5-15, straight body	0.25-0.60" (6.4-15.2mm)	BK	☐1709	☐222	•	•

1709: cULus Listed to UL498, file no. E15012; NOM certified
222: Listed to UL498, file no. E15012; CSA certified to C22.2, no. 42; NOM certified

183

Standard grade rubber plugs & connectors



1-15P 1-15R

Product description

2-pole, 2-wire non-grounding
15A, 125V/AC

86

Design features

- Plug blades are firmly embedded in body
- Rubber plugs & connectors maintain flexibility in low temperatures
- Angle plugs allow placement of cord in convenient location
- Terminal screws backed out and ready for wiring
- Combination Slot/Phillips-head mounting and terminal screws for installation flexibility (Slot/Robertson screws in Canada where available)

Rubber plugs & connectors

Rating A	Rating V/AC	Description	Cord diameter	Color suffix	Plug catalog no.	Connector catalog no.	
15	125	NEMA 5-15, straight body	0.33" (8.3mm)	BK, W	☐183__	☐4882*	•
15	125	NEMA 5-15, straight body, polarized	0.33" (8.3mm)	BK, W	☐183-6__		•
15	125	NEMA 5-15, angled body	0.33" (8.3mm)	BK	☐84		•
15	125	NEMA 5-15, angled body, polarized	0.33" (8.3mm)	BK, W	☐84-6__		•

Listed to UL498, file no. E15012; CSA certified to C22.2, no. 42; NOM certified except 4882
*4882 Yellow

Color ordering information:

For ordering devices, include Catalog no. followed by the Color suffix: BK (Black), W (White)

BK	W	Y
(Black)	(White)	(Yellow)

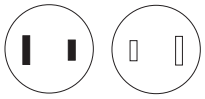
Dimensional information: B-70, B-71
Compliances, specifications and availability are subject to change without notice.

Indicates NAFTA compliant - Page G-21 RoHS compliant - Page G-21

Standard grade spring action thermoplastic plugs & connectors

Product description

2-pole, 2-wire non-grounding
15A, 125V/AC



1-15P 1-15R

Design features

- Made of high impact-resistant thermoplastic for long-term durability
- Cord clips on equipped plugs provide easy storage on appliances such as vacuum cleaners and fans

SA940

SA155

Spring action plugs & connectors

Rating A	Rating V/AC	Description	Cord diameter	Color suffix	Plug catalog no.	Connector catalog no.	
15	125	NEMA 1-15, straight body, polarized, with cord clip	0.33" (8.3mm)	W	☐ SA940W		•
15	125	NEMA 1-15, straight body, polarized, with cord clip	0.33" (8.3mm)	BK	☐ SA940		•
15	125	NEMA 1-15, straight body, polarized	0.33" (8.3mm)	B, GD, W	☐ SA540__	☐ SA155__	•
15	125	NEMA 1-15, straight body, polarized	0.33" (8.3mm)	BK	☐ SA540	☐ SA155	•

cULus Listed to UL498, file no. E15012; CSA certified to C22.2, no. 42

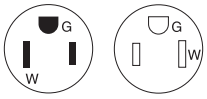
SA399

SA993

Standard grade spring action thermoplastic plugs & connectors

Product description

2-pole, 3-wire grounding
15A, 125V/AC



5-15P 5-15R

Design features

- Made of high impact-resistant thermoplastic for long-term durability
- Plug blades firmly embedded in body

Spring action plugs & connectors

Rating A	Rating V/AC	Description	Cord diameter	Color suffix	Plug catalog no.	Connector catalog no.	
15	125	NEMA 5-15, straight body	0.33" (8.3mm)	GY, O, W	☐ SA399__	☐ SA993__	•
15	125	NEMA 5-15, straight body	0.33" (8.3mm)	BK	☐ SA399	☐ SA993	•

Listed to UL498, file no. E15012; CSA certified to CSA C22.2, no. 42; SA933 also NOM certified

Color ordering information:

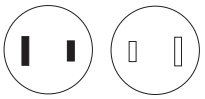
For ordering devices, include Catalog no. followed by the Color suffix: B (Brown), BK (Black), GD (Translucent Gold), GY (Gray), O (Orange) W (White)

B	BK	GD	GY	O	W
(Brown)	(Black)	(Translucent Gold)	(Gray)	(Orange)	(White)

Dimensional information: B-71
Compliances, specifications and availability are subject to change without notice.

Indicates NAFTA compliant - Page G-21

Standard grade thermoplastic plugs & connectors



1-15P 1-15R

Product description

2-pole, 2-wire non-grounding
15A, 125V/AC

1912

Design features

- Tough thermoplastic construction
- Plug blades firmly embedded in body

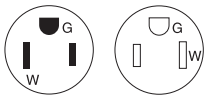
Thermoplastic plugs & connectors

Rating A	Rating V/AC	Description	Cord diameter	Color	Plug catalog no.	Connector catalog no.	
15	125	NEMA 1-15, flat handle body	0.31" (7.9mm)	BK, W	☐ 1912__		•
		NEMA 1-15, round body	0.41" (10.4mm)	BK	☐ 3123		•
		NEMA 1-15, cylindrical body	0.25-0.67" (6.4-17.0mm)	RN		☐ 6882	•

Listed to UL498, file no. E15012; CSA certified to C22.2, no. 42; NOM certified except 6882

3123

Standard grade thermoplastic plugs & connectors



5-15P 5-15R

Product description

2-pole, 3-wire grounding
15A, 125V/AC

6867

Design features

- Tough thermoplastic construction
- Plug blades firmly embedded in body

Thermoplastic plugs & connectors

Rating A	Rating V/AC	Description	Cord diameter	Color	Plug catalog no.	Connector catalog no.	
15	125	NEMA 5-15, cylindrical body	0.67" (17.0mm)	RN	☐ 6867	☐ 6887	•

Listed to UL498, file no. E15012; CSA certified to C22.2, no. 42; NOM certified

6887

Color ordering information:

For ordering devices, include Catalog no. followed by the Color suffix: BK (Black), RN (Orange), W (White)

BK	RN	W
(Black)	(Orange)	(White)

Dimensional information: B-71
Compliances, specifications and availability are subject to change without notice.

Indicates NAFTA compliant - Page G-21

Academy series standard grade plugs

1-15P

Product description

2-pole, 2-wire non-grounding
10A, 125V/AC
15A, 125V/AC

2601-6

2600

Design features

- High impact-resistant thermoplastic housing with finger-grip grooves
- Insulation piercing terminals eliminate the need for tools—just snap in unstripped wire and device is ready for use
- Plug blades firmly embedded in body
- Super Plug has right angle design and built-in strain relief

Academy series plugs

Rating A	Rating V/AC	Description	Color suffix	Catalog no.	
10	125	NEMA 1-15R easy install plug, for 18-2 SPT-1 cord	B, BK, W	☐2601__	•
		NEMA 1-15R easy install plug, polarized, for 18-2 SPT-1 cord	B, BK, W	☐2601-6__	•

UL recognized component to UL498 for US & Canada, file no. E15012

Academy series plugs

Rating A	Rating V/AC	Description	Color suffix	Catalog no.	
15	125	NEMA 1-15R super plug, for 18-2 or 16-2 SPT-1 and 18-2 or 16-2 HPN cord	B, BK, W	☐2600__	•

UL recognized component to UL498 for US & Canada, file no. E15012

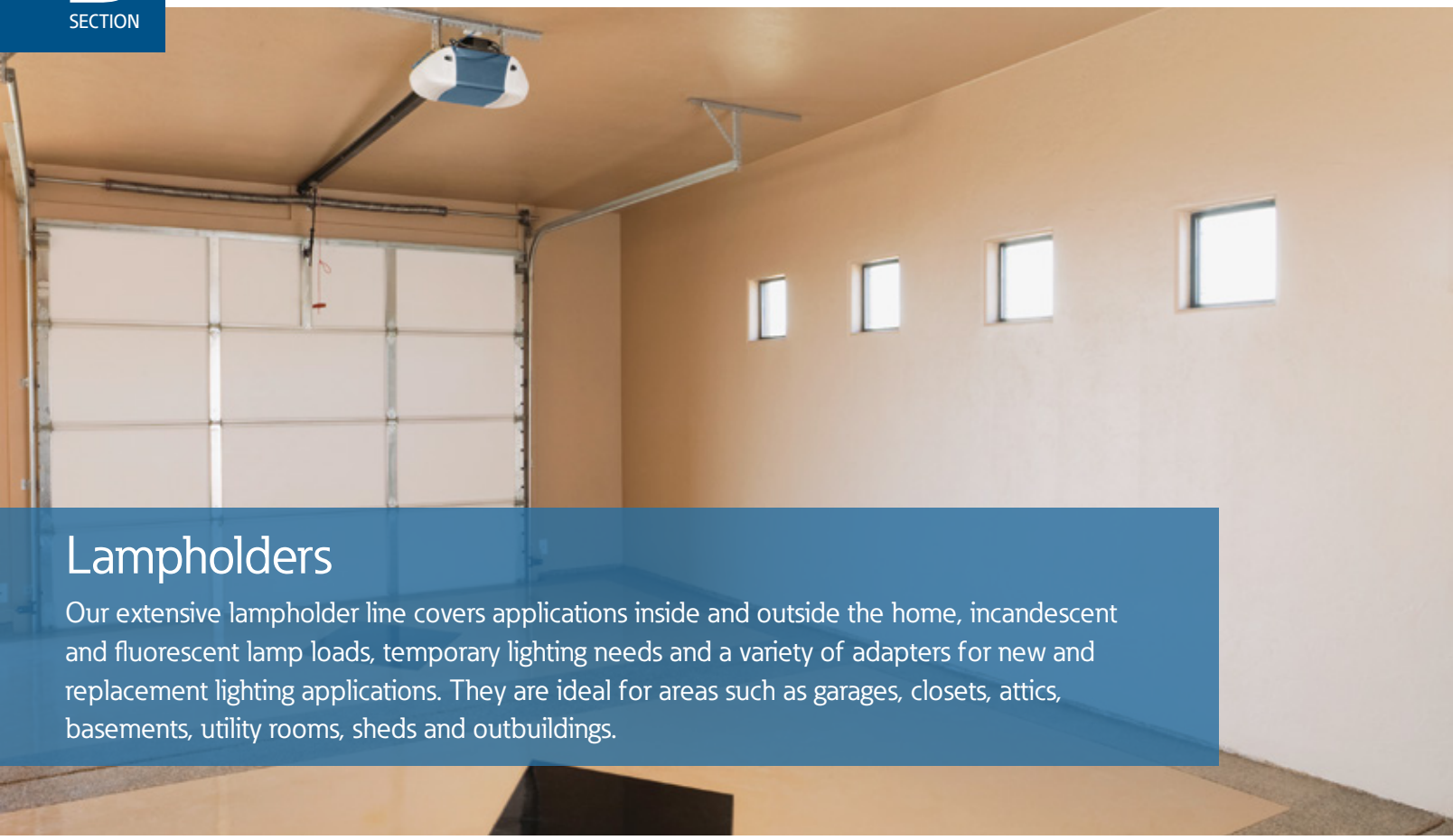
Color ordering information:

For ordering devices, include Catalog no. followed by the Color suffix: B (Brown) BK (Black), W (White)

B	BK	W
(Brown)	(Black)	(White)

Dimensional information: B-71
Compliances, specifications and availability are subject to change without notice.

RoHS compliant - Page G-21



Lampholders

Our extensive lampholder line covers applications inside and outside the home, incandescent and fluorescent lamp loads, temporary lighting needs and a variety of adapters for new and replacement lighting applications. They are ideal for areas such as garages, closets, attics, basements, utility rooms, sheds and outbuildings.

Lampholder families

Ceiling lampholders

B-58

Incandescent shell & fixture sockets

B-59

Fluorescent lampholders

B-60

Pigtail lampholders

B-62

Special use lampholder assemblies

B-62

Lampholder adapters & accessories

B-64

The Eaton difference

- Ceiling lampholders are available in keyless or pull chain styles
- Ceiling lampholders also available with a 15A 125V/AC outlet
- Top wire ceiling lampholders have terminal screws backed out and ready for wiring without removing the interior
- Lampholder adapters available in various configurations such as one socket to two outlets and one socket
- Lampholder adapters available with keyless or pull chain switch actuation

Specific lampholder solutions for today's needs

Ceiling mounts

Our vast line of porcelain and plastic ceiling mount lampholders fit a wide variety of applications and needs for every room in the home, from attic to basement, closet to garage.

See page B-58

Shown:
604

Lampholder adapters

We offer a variety of lampholder adapters that can easily add a receptacle or convert a lampholder to a receptacle for applications where a receptacle is needed but not easily accessible like attics, basements, closets and storage sheds.

See pages B-64, B-66

Shown:
718

Ceiling receptacle lampholders

Product description

Medium base
660W, 125V/AC
660W, 250V/AC
600W, 250V/AC

667

669

S788W

S1174W

Design features

- Mounts on 4" (101.6mm) outlet boxes with breakout for 3.25" (82.5mm) box mounting
- Leads are 6" (152.4mm) 221°F (105°C) insulated stranded #16 AWG, stripped 0.75" (19.0mm)
- Top wire versions have terminal screws backed out—ready for wiring—without removing interior
- Push wire terminals are top wired with two push-in terminals and two screw terminals for continuous wiring
- Pull chain devices include ball chain, 3' (0.9m) of cord, connector and end bell
- Porcelain models made of high-strength insulator porcelain; pull chain versions feature removable interiors
- Plastic models made with high-temperature thermoset plastic to reduce breakage

Porcelain ceiling lampholder

Rating W	Rating V/AC	Description	Color	Catalog no.	RoHS
660	125	Two-piece, with NEMA 1-15P 2P, 2W outlet 2 screw terminals, pull chain switch, top wire	W	☐ 669	•
		Two-piece, with NEMA 5-15P 2P, 3W outlet 2 screw terminals, pull chain switch, top wire	W	☐ 667	•
660	250	One-piece, with feed-through, 4 screw terminals, keyless switch, top wire	W	☐ 604	•
		Two-piece, with feed-through 4 screw terminals, pull chain switch, top wire	W	☐ 659	•

cULus Listed to UL 496, file no. E7430; NOM certified

Plastic ceiling lampholder

Rating W	Rating V/AC	Description	Color	Catalog no.		RoHS
600	250	Two-piece, push wire/top wire, pull chain switch	W	☐ S759W-CD		•
		Two-piece, 6" (152.4mm) wire leads, pull chain switch	W	☐ S788W		•
		Two-piece, with 15A 125V/AC NEMA 1-15P 2P, 2W outlet push wire/top wire, pull chain switch	W	☐ S860W		•
		Two-piece, with 15A 125V/AC NEMA 5-15P 2P, 3W outlet push wire/top wire, pull chain switch	W	☐ S865W		•
		One-piece, 4 top wire screws, keyless switch	W	☐ S1174W	•	•
		One-piece, 6" (152.4mm) wire leads, keyless switch	W	☐ S1174-6W*	•	•
		Two-piece, push wire/top wire, keyless switch	W	☐ S768W		•
		Two-piece, 6" (152.4mm) wire leads, keyless switch	W	☐ S768-6W*		•

*Not cULus Listed or NOM certified. cULus Listed to UL 496, file no. E7430; NOM certified

Color ordering information:

W (White)

W

(White)

Dimensional information: B-71
Compliances, specifications and availability are subject to change without notice.

Indicates NAFTA compliant - Page G-21

RoHS compliant - Page G-21

Incandescent shell & fixture sockets

Product description

Medium base
250W, 250V/AC
660W, 250V/AC

940ABD

2982

Design features

- Caps threaded 0.13" (3.2mm)—27 I.P.S. fits standard lamp stems
- Set screw prevents rotation of socket
- Two circuit (3-way) sockets operate dual filament lamps on sequence of low, medium, high, off

Electrolier metal shell lampholders

Rating W	Rating V/AC	Description	Color	Catalog no.	
250	250	One circuit turn knob switch	Brass Dipped Aluminum	☐ 917ABD††	•
		Two circuit (3-way) turn knob switch	Brass Dipped Aluminum	☐ 925ABD††	•
660	250	One circuit pull chain switch	Brass Dipped Aluminum	☐ 980ABD††	•
		One circuit push through switch	Brass Dipped Aluminum	☐ 940ABD††	•
		Keyless switch	Brass Dipped Aluminum	☐ 975ABD	•

†† Only UL listed. cULus Listed to UL496, file no. E7430

Incandescent shell & fixture sockets

Product description

Medium base
250W, 250V/AC
660W, 250V/AC

Design features

- Molded of heat- and impact-resistant phenolic or urea
- Interiors are UL component recognized

Metal shell lampholder interiors

Rating W	Rating V/AC	Description	Catalog no. Fits	Catalog	
250	250	One circuit pull chain switch	659	☐ 962	•
		Two circuit (3-way) turn knob switch	925	☐ 3925††	•
660	250	One circuit pull chain switch	980	☐ 2982††	•
		One circuit push through switch	940	☐ 942	•

†† Only AU listed. UL recognized component to UL496 for US & Canada, file no. E7430

Color ordering information:

BD (Brass Dipped)

(Brass Dipped)

Dimensional information: B-71
Compliances, specifications and availability are subject to change without notice.

RoHS compliant - Page G-21

Incandescent shell & fixture sockets

Product description

Medium base
660W, 250V/AC

Design features

- Interiors have removable turn knobs
- Hickeys and nipples are threaded for mounting on standard fixture, lamp stems or brackets

968

969

Fixture sockets

Rating W	V/AC	Description	Color	Catalog no.	
660	250	Phenolic keyless switch, screw terminals Bracket height: 0.44" (11.1mm), overall height: 1.88" (47.8mm)	BK	☐968	•

Listed to UL496, file no. E7430

Fixture sockets

Rating W	V/AC	Description	Color	Catalog no.	
660	250	Porcelain keyless switch, screw terminals Bracket height: 0.44" (11.1mm), overall height: 1.88" (47.8mm)	W	☐969	•

cULus Listed to UL496, file no. E7430; NOM certified

2501W

2500W

Fluorescent lampholders

Product description

Recessed double contact
660W, 600V/AC

Design features

- For replacement use in fluorescent lighting fixtures
- Recessed double-contact (2500, 2501) lampholders can be used for flush or surface mounting
- Captive pal nut for easy mounting
- Push-in wire terminals feature release slots
- Molded of durable white thermoset plastic

Recessed double contact lampholders

Rating W	V/AC	Description	Lamp type	Color	Catalog no.	
660	600	Plunger type, push wire cap, screw switch	T12	W	☐2501W	•
		Stationary type, push wire cap, screw switch	T12	W	☐2500W	•

Listed to UL1570; CSA certified

Color ordering information:

BK (Black), W (White)

BK	W
(Black)	(White)

Dimensional information: B-71
Compliances, specifications and availability are subject to change without notice.

RoHS compliant - Page G-21

Fluorescent lampholders

Product description

Single pin
660W, 600V/AC

2506W

2504W

2510W

924W

Design features

- For replacement use in fluorescent lighting fixtures
- Plunger lampholders feature non-sticking, spring-loaded plunger to hold lamp securely
- Captive pal nut for easy mounting
- Push-in wire terminals feature release slots
- Molded of durable white thermoset plastic

Slimline lampholders

Rating W	Rating V/AC	Description	Color	Catalog no.	
660	600	Stationary type, push wire cap, slide-on switch	W	☐2506W	•
		Stationary type, push wire cap, screw switch	W	☐2503W	•

Listed to UL1570; CSA certified

Slimline lampholders

Rating W	Rating V/AC	Description	Color	Catalog no.	
660	600	Plunger type, push wire cap, slide-on switch	W	☐2507W	•
		Plunger type, push wire cap, screw switch	W	☐2504W	•

Listed to UL1570

Fluorescent lampholders

Product description

Medium bi-pin
660W 600V/AC

Design features

- For replacement use in fluorescent lighting fixtures
- Use for flush or surface mounting
- Captive pal nut for easy mounting
- Push-in wire terminals feature release slots
- Molded of durable white thermoset plastic

Slimline lampholders

Rating W	Rating V/AC	Description	Lamp type	Color	Catalog no.	
660	600	Standard type, push wire, slide-on & screw switch	T8/T12	W	☐2509W*	•
		Short type, push wire, slide-on & screw switch	T8/T12	W	☐2510W	•
		Standard type, screw terminals, screw switch		W	☐924W[Δ]	•

*Not CSA or NOM certified, [Δ]Not UL or CSA certified, 2509W & 2510W: Listed to UL1570; CSA certified
924: cULus Listed to UL496, file no. E5833, certified to CSA C22.2, no. 43; NOM certified

Color ordering information:

W (White)

W

(White)

Dimensional information: B-71
Compliances, specifications and availability are subject to change without notice.

RoHS compliant - Page G-21

Pigtail lampholders

Product description

Medium base
660W, 250V/AC
660W, 600V/AC

722

145

Design features

- For use in light strings and related applications
- Wire leads are 5" (127.0mm) of color-coded stranded wire, stripped 1" (25.4mm) for easy connection
- Rubber sockets have an extended lip to seal against bulb
- Metal shell interiors are aluminum

Pigtail lampholders

Rating W	Rating V/AC	Description	Color	Catalog no.	
660	250	Phenolic, wire size #14 AWG	BK	☐ 722	•

Listed to UL496, file no. E7430; CSA certified to 22.2, no. 43; NOM certified

Pigtail lampholders

Rating W	Rating V/AC	Description	Color	Catalog no.	
660	600	Weatherproof rubber, wire size #14 AWG	BK	☐ 145	•

cULus Listed to UL496, file no. E7430

Special use lampholder assemblies

Product description

Outdoor lighting
150W, 13A, 120V/AC

S591

Design features

- Mountable to wall, ceiling or floor via base mounting holes, or use included spike for lawn & garden mounting
- Weatherproof gasket allows indoor or outdoor use
- PAR 38 light fixture accepts up to 150W bulb
- Wing nut allows for lighting angle adjustment
- Landscape green color blends with grass and shrubs

Plastic floodlight lampholder

A	Rating V/AC	W	Description	Color	Catalog no.
13	120	150	PAR 38 fixture with 6' (1.8m) 18-2 SJT polarized power cord	Green	☐ S591

Listed to UL153, file no. E201084

Color ordering information:

BK (Black), Green

BK (Black) (Green)

Dimensional information: B-72, B-73
Compliances, specifications and availability are subject to change without notice.

Indicates NAFTA compliant - Page G-21 RoHS compliant - Page G-21

Special use lampholder assemblies

Product description

Trouble lamp medium base
13A, 125V/AC

1078-25

Design features

- Heavy duty thermoplastic jacketed cord for rough surfaces
- Plastic guard rated to 75W
- Plugs and handles feature built-in finger grips for secure handling

Trouble lampholders

Rating A	Rating V/AC	Description	Color	Catalog no.
13	125	Push switch trouble lampholder with plastic guard and NEMA 5-15R 2P, 3W outlet on 25' (7.6m) 18-2 SJT W-A power cord	BK & Y	☐ 1078-25
		Push switch trouble lampholder with plastic guard and NEMA 5-15R 2P, 3W outlet on 50' (15.24m) 18-2 SJT W-A power cord	BK & Y	☐ 1078-50

1071

Special use lampholder assemblies

Product description

Trouble lampholder accessories
6A, 125V/AC
15A, 125V/AC

944

Design features

- Interiors feature one piece side outlet contacts permanently fastened
- Reflector guards fit all trouble lamp handles
- Vinyl reflector guard is high-strength impact-resistant thermoplastic

Replacement trouble lamp handles & interiors

Rating A	Rating V/AC	Description	Color	Catalog no.	RoHS
6	125	Push switch replacement trouble lamp handle with interior and two NEMA 1-15 2P, 2W outlets; use with Cat. #944	Y	☐ 1071	
15	125	Replacement trouble lamp handle interior for push switch with two NEMA 1-15 2P, 2W outlets; fits Cat. #1071		☐ 944	•

944: UL recognized component to UL496, E7430 for US & Canada, CSA C22.2, no. 43

467

Replacement trouble lamp handles & interiors

Description	Color	Catalog no.	RoHS
Yellow vinyl reflector guard	Y	☐ 1467	•
Steel reflector guard	Steel	☐ 467	•

Color ordering information:

BK (Black), Steel, W (White), Y (Yellow)

BK		W	Y
(Black)	(Steel)	(White)	(Yellow)

Dimensional information: B-71
Compliances, specifications and availability are subject to change without notice.

RoHS compliant - Page G-21

Special use lampholder assemblies

Product description

Miscellaneous assemblies
100W, 120V/AC

C386

Design features

- Utility lampholder features removable threaded reflector
- Utility lampholder fully adjustable with 360° rotation and 180° angle adjustment
- Automatic closet light lampholder contains an automatic switch that is activated by opening or closing of hinged or sliding doors

Closet light lampholder

Rating W	Rating V/AC	Description	Color	Catalog no.	
100	120	Automatic closet light lampholder on 9' (2.7m) 18-2 SPT-1 power cord	W	☐ C386	•

738

Lampholder adapters & accessories

Product description

Polarized, medium base
660W, 125V/AC

Design features

- Terminals have pressure plates to protect wires
- Body made of abuse-resistant thermoplastic
- Accepts #10 - #6 AWG wire

Outlet adapter

Rating W	Rating V/AC	Description	Color suffix	Catalog no.	
660	125	Converts one NEMA 1-15R outlet to one socket, keyless switch	B, V, W	☐ 738__	•

Listed to UL496 & UL498, file no. E15055; CSA certified to C22.2, no. 42 & 43; NOM certified

Color ordering information:

For ordering devices, include Catalog no. followed by the Color suffix: B (Brown), V (Ivory), W (White)

B	V	W
(Brown)	(Ivory)	(White)

Dimensional information: B-73
Compliances, specifications and availability are subject to change without notice.

Indicates NAFTA compliant - Page G-21

RoHS compliant - Page G-21

Lampholder adapters & accessories

Product description

Polarized, medium base
660W, 125V/AC
660W, 250V/AC

715

758

700

Design features

- Outlets on adapters are 2-wire polarized
- Pull chain on catalog number 718 controls the bulb socket, side outlets are continually ON

Socket adapters

Rating W	Rating V/AC	Description	Color suffix	Catalog no.	
660	125	Converts one socket to one socket with two 250W NEMA 1-15R 2P, 2W outlets, pull chain switch	B, V	☐ 718__	•
660	250	Converts one socket to two sockets, keyless switch	B, V, W	☐ 700__	•

Listed to UL496 & UL498, file no. E15055; CSA certified to C22.2, no. 42 & 43; NOM certified

Socket adapters

Rating W	Rating V/AC	Description	Color suffix	Catalog no.	
660	125	Converts one socket to one socket with two 250W NEMA 1-15R 2P, 2W outlets, keyless switch	B, V	☐ 715__	•

cULus Listed to UL496 & UL498, file no. E15055; certified to CSA C22.2, no. 42 & 43; NOM certified

Socket adapters

Rating W	Rating V/AC	Description	Color suffix	Catalog no.	
660	125	Converts one socket to one 125V NEMA 1-15R 2P, 2W outlet, keyless switch	B, W	☐ 758__*	•

cULus Listed to UL496 & UL498, file no. E136278; certified to CSA C22.2, no. 42 & 43, * B color suffix denotes Black

Socket adapters

Rating W	Rating V/AC	Description	Color	Catalog no.	
660	125	Converts one socket to one 125V NEMA 1-15R 2P, 2W outlet, keyless	B	☐ 808	•

cULus Listed to UL496 & UL498, file no. E136278; certified to CSA C22.2, no. 42 & 43

Color ordering information:

For ordering devices, include Catalog no. followed by the Color suffix: B (Brown), V (Ivory), W (White)

B	B	V	W
(Brown)	(Black) 758 Only	(Ivory)	(White)

Compliances, specifications and availability are subject to change without notice.

Indicates NAFTA compliant - Page G-21

RoHS compliant - Page G-21

Lampholder adapters & accessories

Product description

Keyless switch
Medium base
660W, 250V/AC

1054

Design features

- One piece screwshell with porcelain base

Socket extensions

Rating W	Rating V/AC	Description	Color	Catalog no.	RoHS
660	250	Phenolic medium base socket, extends 1.38" (34.9mm)	BK	☐ 1054	•

Listed to UL496, file no. E15055; CSA certified to C22.2, no. 43; NOM certified

Lampholder adapters & accessories

Product description

Lamp guards

469

Design features

- 1.50" (38.1mm) clamp fits ceiling lampholders, sign and scoreboard Attachon lampholders
- 1465 is high-strength impact-resistant thermoplastic
- Easy-open guard permits relamping without removing guard

Lamp guards

Description	Color	Catalog no.	
Metal lamp guard with 1.50" (38.1mm) collar, 100W bulb max.	Steel	☐ 469B	
Plastic lamp guard with adjustable collar, 200W max.	Y	☐ 1465Y	•

Color ordering information:

BK (Black), Steel, Y (Yellow)

BK (Black) | (Steel) | Y (Yellow)

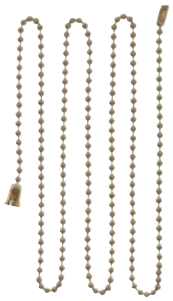
Dimensional information: B-73
Compliances, specifications and availability are subject to change without notice.

Indicates NAFTA compliant - Page G-21 | RoHS compliant - Page G-21

Lampholder adapters & accessories

Product description

Ball & chain accessories



331BB

307

315

Design features

- Flasher buttons are medium-based and offer choices of flash frequencies

Lamp guards

Description	Color	Catalog no.		
Ball chain with end bell and connector, 3' (0.9m), #6, 0.13" (3.18mm) diameter	BB	☐ BP331BB	•	
Ball chain with end bell and connector, 3' (0.9m), #6, 0.13" (3.18mm) diameter	NP	☐ BP331NP	•	
Ball chain, 100' (30.5m) spool	BB	☐ 309-100		
Connector	BB	☐ 307		
Pull cord with end bell and connector, 3' (0.9m)	NP	☐ 315		•

Color ordering information:

Brass, Nickel

BB (Brass) NP (Nickel)

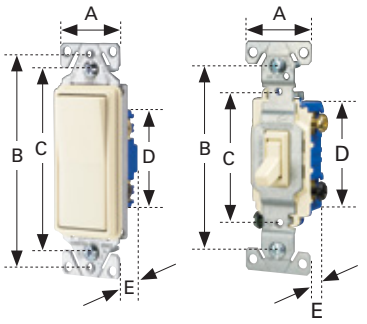
Compliances, specifications and availability are subject to change without notice.

Indicates NAFTA compliant - Page G-21 RoHS compliant - Page G-21

Dimensional data

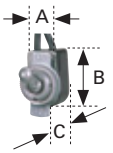
Switches

Family	A	B	C	D	E
Decorator standard grade, single-pole & 3-way	1.44" (36.6mm)	3.81" (96.8mm)	3.28" (83.3mm)	2.74" (69.6mm)	0.97" (24.6mm)
Decorator standard grade, 4-way	1.44" (36.6mm)	3.81" (96.8mm)	3.28" (83.3mm)	2.60" (66.1mm)	1.38" (35.1mm)
Heavy duty grade toggle	1.31" (33.3mm)	3.28" (83.3mm)	2.38" (60.5mm)	2.00" (50.8mm)	1.05" (26.7mm)
Standard grade toggle	1.31" (33.3mm)	3.28" (83.3mm)	2.38" (60.5mm)	2.13" (54.1mm)	0.88" (22.4mm)
Standard grade toggle, less ears	0.75" (19.1mm)	3.28" (83.3mm)	2.38" (60.5mm)	2.13" (54.1mm)	0.88" (22.4mm)
CO/ALR standard grade toggle	1.31" (33.3mm)	3.28" (83.3mm)	2.38" (60.5mm)	2.13" (54.1mm)	0.88" (22.4mm)



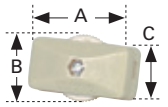
Circuit control switches

Catalog no.	A	B	C
452	0.50" (12.7mm)	0.88" (22.4mm)	0.53" (13.5mm)



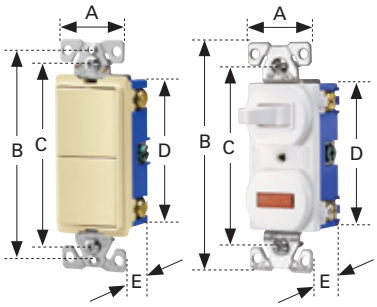
Feed-through cord switches

Catalog no.	A	B	C
410	1.35" (34.5mm)	0.91" (23.1mm)	0.55" (14.0mm)
933	2.49" (63.4mm)	1.47" (36.7mm)	1.25" (31.6mm)



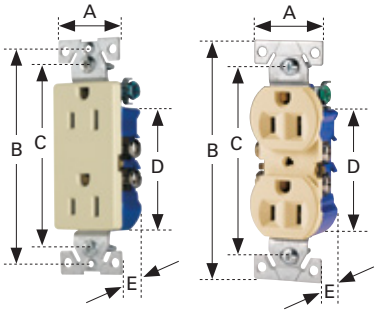
Combination devices

Family	A	B	C	D	E
Decorator combination	1.30" (33.0mm)	3.81" (96.8mm)	3.28" (83.3mm)	2.65" (67.3mm)	1.08" (27.4mm)
Traditional combination	1.30" (33.0mm)	4.19" (106.4mm)	3.28" (83.3mm)	2.65" (67.3mm)	1.08" (27.4mm)
Nightlight combination	1.30" (33.0mm)	3.81" (96.8mm)	3.28" (83.3mm)	2.65" (67.3mm)	1.08" (27.4mm)



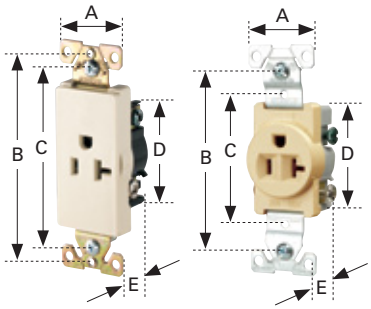
Duplex receptacle

Family or Catalog no.	A	B	C	D	E
Heavy duty grade tamper resistant	1.24" (31.5mm)	4.00" (101.6mm)	3.23" (82.0mm)	2.63" (66.8mm)	1.04" (26.4mm)
Decorator standard grade	1.30" (33.0mm)	3.81" (96.8mm)	3.28" (83.3mm)	2.12" (53.8mm)	0.69" (17.5mm)
Standard grade, except 298	1.31" (33.3mm)	4.19" (106.4mm)	3.28" (83.3mm)	2.63" (66.8mm)	0.69" (17.5mm)
298	1.31" (33.3mm)	4.19" (106.4mm)	3.28" (83.3mm)	2.63" (66.8mm)	0.74" (18.8mm)
CO/ALR standard grade	1.38" (35.1mm)	4.06" (103.1mm)	3.28" (83.3mm)	2.61" (66.3mm)	0.71" (18.0mm)



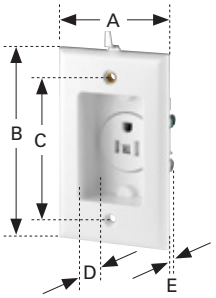
Single receptacles

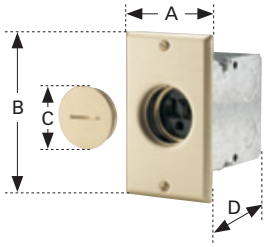
Family	A	B	C	D	E
Heavy duty grade decorator	1.32" (33.5mm)	3.81" (96.8mm)	3.28" (83.3mm)	1.98" (50w.3mm)	0.82" (20.8mm)
Heavy duty grade traditional	1.31" (33.3mm)	3.28" (83.3mm)	2.38" (60.3mm)	2.07" (52.6mm)	0.83" (12.1mm)



Recessed & floor box receptacles

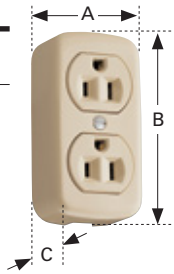
Family	A	B	C	D	E
Single receptacle	2.75" (69.9mm)	4.50" (114.3mm)	3.28" (83.3mm)	0.85" (21.6mm)	1.77" (45.0mm)
Duplex receptacle	2.72" (69.1mm)	4.48" (113.8mm)	3.28" (83.3mm)	0.93" (23.6mm)	2.00" (50.8mm)
Floor box receptacle	2.75" (69.9mm)	4.50" (114.3mm)	1.75" (44.5mm)	3.50" (88.9mm)	—





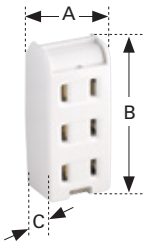
Surface receptacles

Catalog Nos.	A	B	C
74 & 78	1.90" (48.3mm)	3.60" (91.4mm)	1.12" (28.4mm)



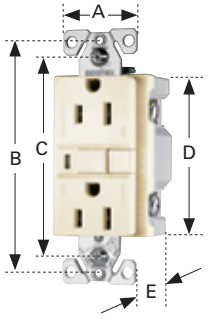
Academy series outlets

Catalog no.	A	B	C
2602	0.81" (20.6mm)	2.02" (51.3mm)	0.81" (20.6mm)
2603	1.15" (29.2mm)	2.58" (65.5mm)	0.84" (21.3mm)
2606	1.08" (27.4mm)	1.25" (31.8mm)	0.88" (22.4mm)
2607	1.25" (31.8mm)	1.08" (27.4mm)	0.88" (22.4mm)
2609	1.09" (27.7mm)	0.44" (11.2mm)	0.78" (19.8mm)



GFCIs & AFCIs

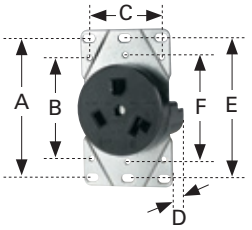
Family	A	B	C	D	E
GFCIs/AFCIs	1.30" (33.0mm)	3.81" (96.8mm)	3.28" (83.3mm)	2.67" (67.8mm)	1.20" (30.5mm)



Dimensional data

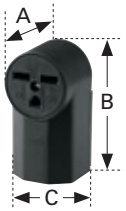
Power devices, flush receptacles

Catalog Nos.	A	B	C	D (depth)	E	F (face dia.)
30 & 1200 Series	3.28" (83.3mm)	2.38" (60.5mm)	1.81" (46.0mm)	1.42" (36.1mm)	2.50" (63.5mm)	2.10" (53.5mm)



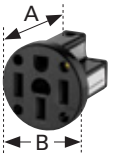
Power devices, surface receptacles

Catalog Nos.	A	B	C
100 & 1200 Series	2.10" (53.3mm)	4.75" (120.7mm)	2.50" (63.5mm)



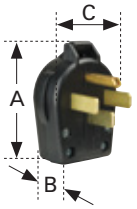
Power devices, panel mount receptacles

Catalog Nos.	A	B
58, 60	2.80" (71.1mm)	2.80" (71.1mm)
U1263	1.69" (42.9mm)	2.09" (53.1mm)



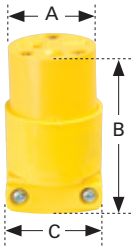
Power devices, angled plugs

Cat. Nos.	A	B	C	Cord Diameter
S80 & 83	2.92" (74.2mm)	1.03" (26.2mm)	2.80" (71.1mm)	S80: 0.80" (20.3mm) max. 83: 0.64" (16.3mm) max.
S41 & S42 S20 & S21	3.37" (85.6mm)	1.38" (35.1mm)	2.87" (72.9mm)	S41 & S42: 1.10" (27.9mm) S20 & S21: 1.13" (28.7mm)

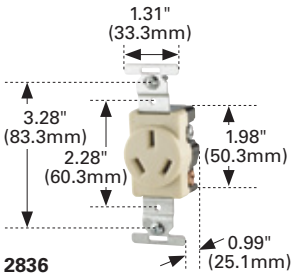


Heavy duty grade connectors

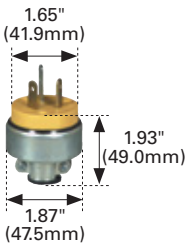
Family	A	B	C	Cord Dia.
Quick grip	1.40" (35.6mm)	2.57" (65.4mm)	1.65" (42.0mm)	0.22-0.66" (5.6-16.8mm)
Armored vinyl	1.35" (34.3mm)	2.60" (66.0mm)	1.50" (38.1mm)	0.25-0.63" (6.4-15.9mm)
Vinyl	1.35" (34.3mm)	2.61" (66.3mm)	1.54" (39.1mm)	0.25-0.66" (6.4-16.6mm)
Rubber	1.36" (34.5mm)	2.90" (73.7mm)	1.54" (39.1mm)	0.25-0.60" (6.4-15.2mm)



Miscellaneous Power Devices



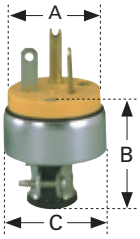
2836

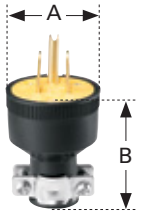


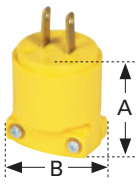
805V

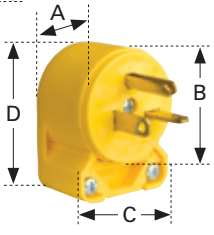
Power devices, angled plugs

Family	A	B	C	D	Cord Diameter
Quick grip	1.40" (35.6mm)	1.95" (49.7mm)	1.68" (42.6mm)	—	0.22-0.66" (5.6-16.8mm)
Armored vinyl	1.65" (41.9mm)	1.93" (49.0mm)	1.87" (47.4mm)	—	0.25-0.63" (6.4-15.9mm)
Vinyl	1.65" (41.9mm)	1.54" (39.1mm)	—	—	0.25-0.66" (6.4-16.8mm)
Angled vinyl	1.25" (31.8mm)	1.42" (36.1mm)	1.50" (38.1mm)	1.95" (49.5mm)	0.25-0.66" (6.4-16.8mm)
Rubber	1.54" (39.1mm)	2.00" (50.8mm)	—	—	0.25-0.60" (6.4-15.2mm)



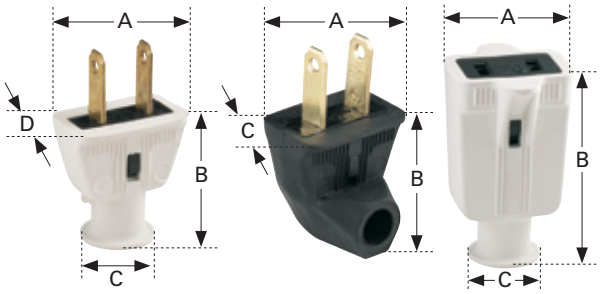






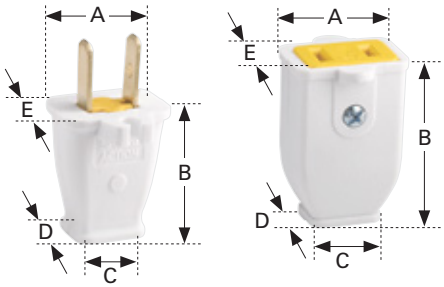
Standard rubber plugs & connectors

Family	A	B	C	D	Cord Dia.
Plug	1.17" (29.7mm)	1.25" (31.8mm)	0.71" (18.0mm)	0.73" (18.5mm)	0.33" (8.4mm)
Angled plug	1.17" (29.7mm)	1.15" (29.2mm)	0.73" (18.5mm)	—	0.33" (8.4mm)
Connector	1.18" (30.0mm)	2.00" (50.8mm)	0.71" (18.0mm)	—	0.33" (8.4mm)



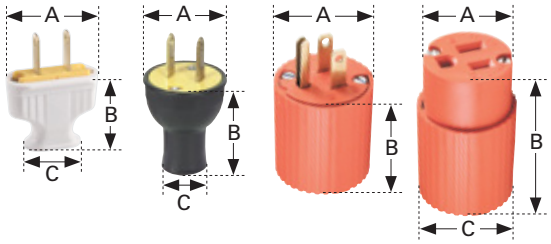
Spring action plugs & connectors

Family	A	B	C	D	E	Cord Dia.
2P, 2W plug	1.16" (29.5mm)	1.37" (34.8mm)	0.75" (19.1mm)	0.62" (15.7mm)	0.75" (19.1mm)	0.33" (8.4mm)
2P, 2W connector	1.17" (29.7mm)	1.78" (45.2mm)	0.75" (19.1mm)	0.62" (15.7mm)	0.75" (19.1mm)	0.33" (8.4mm)
2P, 3W plug	1.08" (27.4mm)	1.56" (39.6mm)	0.70" (17.8mm)	0.70" (17.8mm)	1.22" (31.0mm)	0.32" (8.1mm)
2P, 3W connector	1.08" (27.4mm)	2.25" (57.2mm)	0.70" (17.8mm)	0.70" (17.8mm)	1.22" (31.0mm)	0.32" (8.1mm)



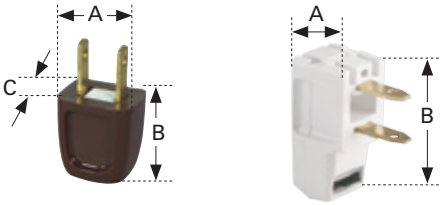
Standard thermoplastic plugs & connectors

Family	A	B	C	Cord Dia.
Flat plugs	1.48" (37.6mm)	1.19" (30.2mm)	0.92" (23.4mm)	0.31" (7.9mm)
Round plugs	1.28" (32.5mm)	1.50" (38.1mm)	0.75" (19.1mm)	0.41" (10.3mm)
Cylindrical plugs	1.54" (39.1mm)	1.72" (43.7mm)	—	0.67" (17.0mm)
Cylindrical connectors	1.37" (34.8mm)	2.60" (66.0mm)	1.54" (39.1mm)	0.67" (17.0mm)



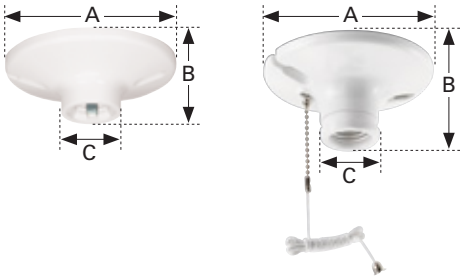
Academy series plugs

Family	A	B	C	D	E	Cord Dia.
Easy install plug	1.16" (29.5mm)	1.37" (34.8mm)	0.75" (19.1mm)	0.62" (15.7mm)	0.75" (19.1mm)	0.33" (8.4mm)
Super plug	1.17" (29.7mm)	1.78" (45.2mm)	0.75" (19.1mm)	0.62" (15.7mm)	0.75" (19.1mm)	0.33" (8.4mm)



Ceiling mount lampholders

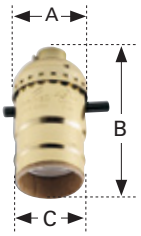
Family	A	B	C
Porcelain one piece	4.50" (114.3mm)	1.50" (38.1mm)	1.70" (43.2mm)
Porcelain two piece	4.50" (114.3mm)	2.14" (54.4mm)	1.63" (41.4mm)
Plastic one piece	4.56" (115.8mm)	1.52" (38.6mm)	1.59" (40.4mm)
Plastic two piece	4.63" (117.6mm)	2.16" (54.9mm)	1.63" (41.4mm)

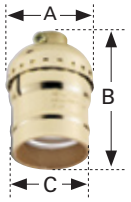


Dimensional data

Metal shell lampholders

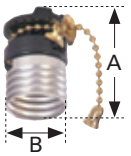
Family	A	B	C
Turn Knob, Pull Chain, Push Through	1.40" (35.6mm)	2.35" (59.7mm)	1.25" (31.8mm)
Keyless	1.40" (35.6mm)	2.00" (50.8mm)	1.25" (31.8mm)





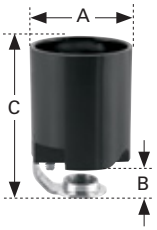
Metal shell lampholders interiors

Catalog no.	A	B
962	1.87" (47.5mm)	1.09" (27.7mm)
3925	1.78" (45.2mm)	1.09" (27.7mm)
2982	1.71" (43.4mm)	1.09" (27.7mm)
942	1.74" (44.2mm)	1.09" (27.7mm)



Fixture sockets

Catalog no.	A	B	C
968	1.35" (34.3mm)	0.40" (10.2mm)	1.85" (47.0mm)
969	1.38" (35.1mm)	0.44" (11.2mm)	1.90" (48.3mm)

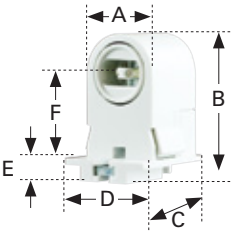


Pigtail lampholders

Catalog no.	A	B	C	D
722	1.60" (40.6mm)	—	1.47" (37.3mm)	1.32" (33.5mm)
124	1.63" (41.4mm)	1.36" (34.5mm)	1.75" (44.5mm)	1.50" (38.1mm)
145	1.63" (41.4mm)	1.36" (34.5mm)	1.75" (44.5mm)	1.50" (38.1mm)

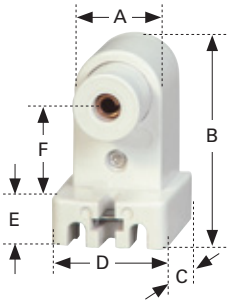
Fluorescent lampholders, recessed double contact

Catalog no.	A	B	C	D	E	F
2500W	1.12" (28.4mm)	2.31" (58.7mm)	1.81" (46.0mm)	1.44" (36.6mm)	0.59" (15.0mm)	1.17" (29.7mm)
2501W	1.12" (28.4mm)	2.31" (58.7mm)	1.81" (46.0mm)	1.44" (36.6mm)	0.59" (15.0mm)	1.17" (29.7mm)



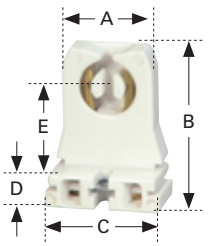
Fluorescent lampholders, slimline

Catalog no.	A	B	C	D	E	F
2503W	1.12" (28.4mm)	2.33" (59.2mm)	1.66" (42.2mm)	1.45" (36.8mm)	0.59" (15.0mm)	1.17" (29.7mm)
2504W	1.12" (28.4mm)	2.33" (59.2mm)	1.66" (42.2mm)	1.45" (36.8mm)	0.59" (15.0mm)	1.17" (29.7mm)
2506W	1.13" (28.7mm)	1.73" (43.9mm)	1.48" (37.6mm)	1.31" (33.2mm)	0.32" (8.1mm)	1.30" (33.0mm)
2507W	1.13" (28.7mm)	1.73" (43.9mm)	1.50" (38.1mm)	1.31" (33.2mm)	0.32" (8.1mm)	1.30" (33.0mm)



Fluorescent lampholders, medium bi-pin

Catalog no.	A	B	C	D	E
924W	1.00" (25.4mm)	2.37" (60.2mm)	1.44" (36.6mm)	0.62" (15.7mm)	1.18" (30.0mm)
2509W	1.00" (25.4mm)	2.03" (51.6mm)	1.35" (34.3mm)	0.37" (9.4mm)	1.17" (29.7mm)
2510W	1.00" (25.4mm)	1.67" (42.2mm)	1.25" (31.8mm)	0.38" (9.7mm)	0.88" (22.4mm)



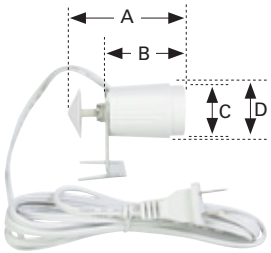
Dimensional data

Outdoor floodlight lampholder

Catalog no.	A	B	C	D	E	F
S591	2.75" (69.9mm)	2.75" (69.9mm)	2.25" (57.2mm)	4.02" (102.1mm)	4.50" (114.3mm)	1.00" (25.4mm)

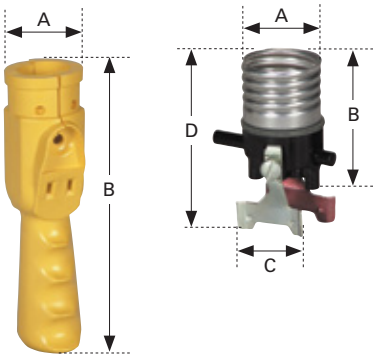
Closet light lampholder

Catalog no.	A	B	C	D
C386	2.87" (72.9mm)	2.03" (50.8mm)	1.30" (33.0mm)	1.42" (36.1mm)



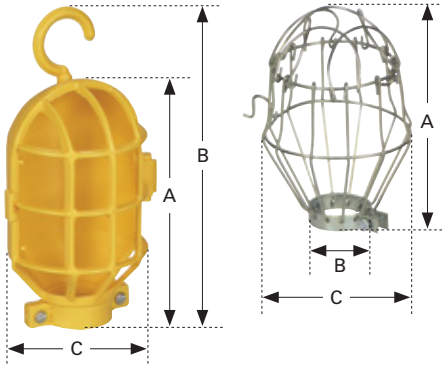
Trouble lampholder accessories

Catalog no.	A	B	C	D
1071	1.69" (42.9mm)	6.50" (165.1mm)	—	—
944	1.09" (27.7mm)	1.72" (43.7mm)	1.05" (26.7mm)	2.37" (60.2mm)



Lamp reflectors & guards

Catalog no.	A	B	C
1467	6.25" (158.8mm)	8.00" (203.2mm)	4.34" (110.2mm)
467	6.25" (158.8mm)	8.25" (209.6mm)	3.66" (93.0mm)
469B	5.63" (143.0mm)	1.50" (38.1mm)	3.87" (98.3mm)
1465Y	6.50" (165.1mm)	2.03" (51.6mm)	5.18" (131.6mm)

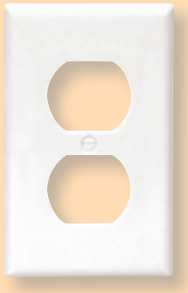


SECTION

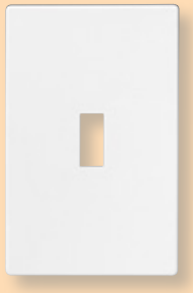
C

Wallplates & Weather Protective Covers

Our broad offering of wallplates are the final touch for any application and are available in standard size, mid-size and oversize. Choose from a variety of materials, colors, and configurations to match any combination of device and décor. Weather protective covers are available in a wide selection of configurations to maintain the integrity of outdoor devices.



Standard size wallplates
C-10



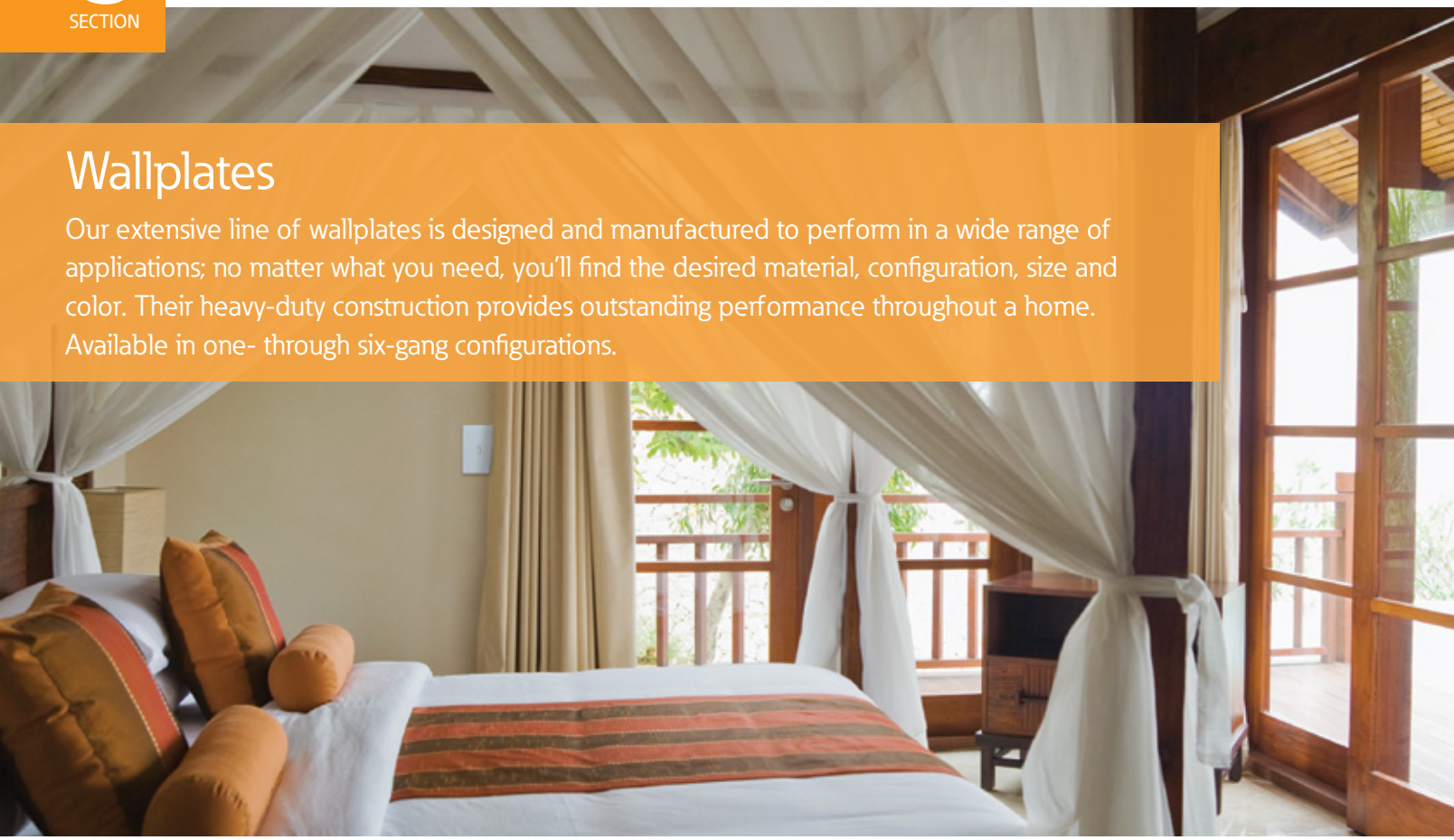
Mid-size wallplates
C-17

Oversize wallplates
C-24

Wallplate accessories
C-25

While-in-use boxes
C-28

Weather protective covers
C-29

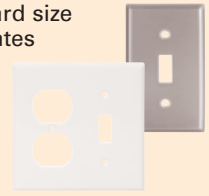


Wallplates

Our extensive line of wallplates is designed and manufactured to perform in a wide range of applications; no matter what you need, you'll find the desired material, configuration, size and color. Their heavy-duty construction provides outstanding performance throughout a home. Available in one- through six-gang configurations.

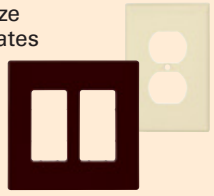
Wallplate families

Standard size wallplates



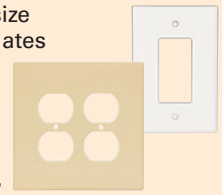
C-10

Mid-size wallplates



C-17

Oversize wallplates



C-24

Wallplate accessories

C-25

Wallplate colors

- Almond
- Black
- Brown
- Gray
- Ivory
- Lt. Almond
- White
- Brushed Bronze
- Blue
- Solid Brass
- Red
- Stainless Steel

The Eaton difference

- Mid-size screwless wallplates deliver the ultimate in designer looks with a screwless finish; they are fast and easy to install, virtually unbreakable and easy to clean
- Mid-size & oversize wallplates are designed for use in applications where additional wall coverage is needed
- Extra depth wallplates are available for use with old work outlet boxes for a flush fit to the wall
- Available wallplate materials include virtually unbreakable nylon & polycarbonate thermoplastics, 302/304 corrosion resistant stainless steel, brass, and thermoset
- Nylon & polycarbonate wallplates feature screw-catch, a timesaving feature that holds mounting screws captive to simplify installation
- Our wallplates are manufactured according to the performance & dimensional requirements of Federal Specification WP-455, NEMA Standard WD-1, UL Standard 514 and the NEC®

Specific wallplate solutions for today's needs

Aesthetic upgrade

Our screwless wallplates come in 3 different openings for upgrading the look of toggle switches, GFCIs, rotary dimmers and duplex receptacles without having to change out devices!

See pages C-17 to C-19

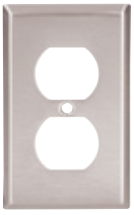
Shown: PJS1

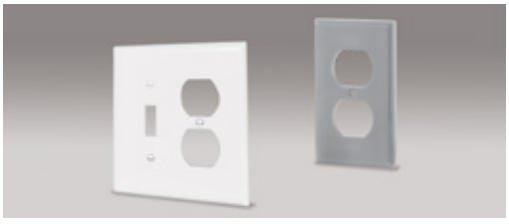
Corrosion resistance

Brass and stainless steel wallplates offer durable, elegant corrosion resistance making them ideal for high-moisture locations like kitchens, baths, garages and basements.

See pages C-10 to C-25

Shown: 93101





Impact resistance

Thermoplastic polycarbonate and nylon wallplates are virtually unbreakable, warp resistant, abrasion resistant and soil resistant, making them ideal for high-traffic areas.

See pages C-10 to C-26

Shown: PJ26

Wallplate material information

Thermoplastic nylon or polycarbonate wallplates

Design features

- Rugged construction reduces installation cost due to less plate breakage and resists bowing to provide a smooth, flat installation
- Exclusive timesaving Screw-catch feature holds mounting screws captive and simplifies installation
- High gloss finish is soil resistant
- Polycarbonate wallplates are virtually unbreakable with high structural rigidity, long-term form retention, plus superior impact and abrasion resistance
- Nylon wallplates have a flush-fitting, warp resistant design
- Matching mounting screws provide

Testing & code compliance

- cULus listed to UL514C, file no. E33216, certified to CSA C22.2, no. 42.1

Material characteristics

- Flammability: meets UL94 requirements; 5V rated
- Temperature rating: -40°C to 70°C (-40°F to 158°F)

Thermoset wallplates

Design features

- Extensive line of non-flammable thermoset plates provides flush-fitting, warp resistant performance

Testing & code compliance

- cULus listed to UL514C, file no. E33216, certified to CSA C22.2, no. 42.1

Material characteristics

- Flammability: Meets UL94 requirements; 5V rated
- Temperature rating: -40°C to 65°C (-40°F to 149°F)

302/304 Stainless steel wallplates

Design features

- Superior non-corrosive and non-magnetic properties for applications needing protection from those elements
- Stainless steel alloy contains 18% chromium and 8% nickel for corrosion resistance
- Stamped from 0.032" (0.81mm) thick material
- Horizontally satin-brushed surface finish resists finger prints
- All plates are coated with clear, removable PVC to safeguard the surface during handling and installation
- Matching stainless steel mounting screws provided

Testing & code compliance

- Listed to UL514D, file no. E92122, certified to CSA C22.2, no.42.1

Material characteristics

- Temperature rating: -40°C to 70°C (-40°F to 158°F)

Brass wallplates

Design features

- Line of handsomely crafted, elegant solid brass designs in 11 popular NEMA standard size configurations
- Strong, corrosion resistant and coated with transparent lacquer to resist premature oxidation
- Horizontally satin-brushed surface finish resists fingerprints
- Matching brass-plated steel screws resist damage during installation
- All plates are coated with clear, removable PVC to safeguard the surface during handling and installation
- Solid brass material is a 70/30 alloy (#26C), .040" (1.02mm) thick

Testing & code compliance

- Listed to UL514D, file no. E92003

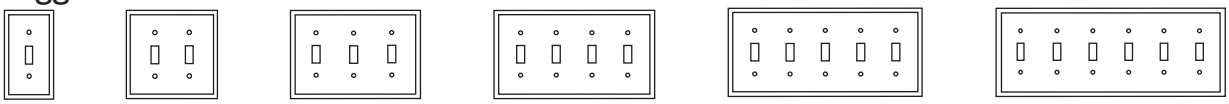
Material characteristics

- Temperature rating: -40°C to 70°C (-40°F to 158°F)

Compliances, specifications and availability are subject to change without notice.

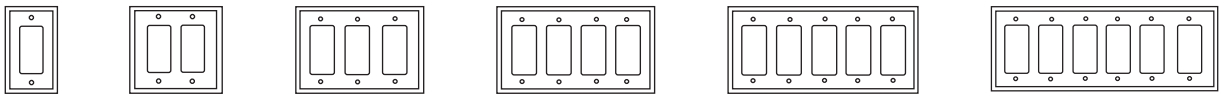
Wallplate quick reference guide

Toggle



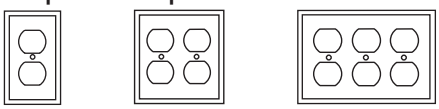
	Standard size				Mid-size				Oversize	
Gang	Thermoset	Nylon	Stainless steel	Brass	Thermoset	Polycarbonate	Screwless	Stainless steel	Thermoset	Stainless steel
1-Gang	2134__	5134__	93071	94071	2034__	PJ1__	PJS1__	93971	2144__	93871
2-Gang	2139__	5139__	93072	94072	2039__	PJ2__	PJS2__	93972	2149__	93872
3-Gang	2141__	5141__	93073	94073	2041__	PJ3__	PJS3__	93973	2741__	93873
4-Gang	2154__	5154__	93074	—	2054__	PJ4__	PJS4__	—	—	93874
5-Gang	2155__	—	93075	—	—	PJ5__	—	—	—	—
6-Gang	2156__	—	93076	—	—	PJ6__	—	—	—	—

Decorator/GFCI



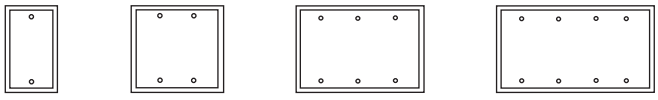
	Standard size				Mid-size				Oversize	
Gang	Thermoset	Nylon	Stainless steel	Brass	Thermoset	Polycarbonate	Screwless	Stainless steel	Thermoset	Stainless steel
1-Gang	2151__	5151__	93401	94401	2051__	PJ26__	PJS26__	93934	2751__	93834
2-Gang	2152__	5152__	93402	94402	2052__	PJ262__	PJS262__	93935	—	—
3-Gang	2163__	—	93403	—	2063__	PJ263__	PJS263__	93936	—	—
4-Gang	2164__	—	93404	—	2064__	PJ264__	PJS264__	—	—	—
5-Gang	2165__	—	93405	—	—	PJ265__	PJS265__	—	—	—
6-Gang	2166__	—	93406	—	—	PJ266__	PJS266__	—	—	—

Duplex receptacle



	Standard size				Mid-size				Oversize	
Gang	Thermoset	Nylon	Stainless steel	Brass	Thermoset	Polycarbonate	Screwless	Stainless steel	Thermoset	Stainless steel
1-Gang	2132__	5132__	93101	94101	2032__	PJ8__	PJS8__	93901	2142__	93801
2-Gang	2150__	5150__	93102	94102	2050__	PJ82__	—	93902	2750__	93802
3-Gang	—	—	93103	—	—	—	—	—	—	—

Blank

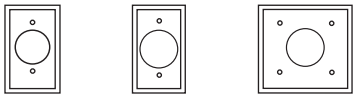


	Standard size				Mid-size				Oversize	
Gang	Thermoset	Nylon	Stainless steel	Brass	Thermoset	Polycarbonate	Screwless	Stainless steel	Thermoset	Stainless steel
1-Gang	2129__	5129__	93151	94151	2029__	PJ13__	—	93951	2729__	93851
2-Gang	2137__	5137__	93152	—	2037__	PJ23__	—	—	—	93852
3-Gang	—	—	93153	—	—	—	—	—	—	—
4-Gang	—	—	93154	—	—	—	—	—	—	—
1-strap mt.	—	—	—	—	—	PJ14__	—	—	—	—

Compliances, specifications and availability are subject to change without notice.

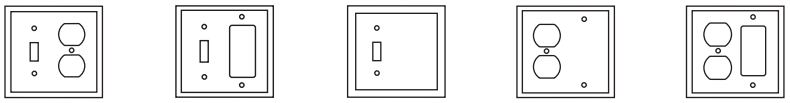
Wallplate quick reference guide

Power outlet

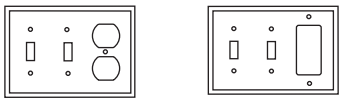


Gang	Standard size				Mid-size				Oversize	
	Thermoset	Nylon	Stainless steel	Chrome	Thermoset	Polycarbonate	Screwless	Stainless steel	Thermoset	Stainless steel
1-1.40" Hole	2131__	5131__	93091	—	—	PJ7__	—	—	2731__	93891
1-1.59" Hole	—	—	93111	—	—	PJ720__	—	—	—	—
1-2.15" Hole	—	—	93221	39CH	2068__	PJ724__	—	—	—	—
2-2.15" Hole	2168__	—	93227	68	—	PJ703__	—	—	—	—

Combination

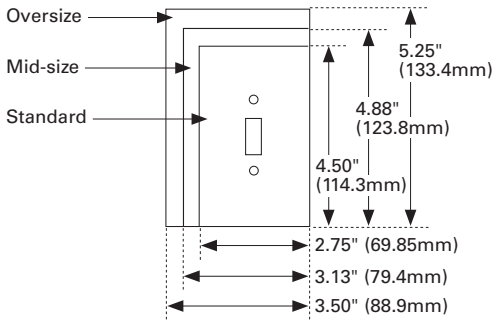


Gang	Standard size				Mid-size			Oversize
	Thermoset	Nylon	Stainless steel	Brass	Thermoset	Polycarbonate	Stainless steel	Thermoset
Toggle & duplex receptacle	2138__	5138__	93532	94532	2038__	PJ18__	93932	2148__
Toggle & decorator	2153__	5153__	93432	94432	2053__	PJ126__	93937	—
Toggle & blank	—	5171__	—	—	—	PJ113__	—	—
Duplex receptacle & blank	—	5170__	—	—	—	PJ138__	—	—
Duplex receptacle & decorator	2157__	—	—	—	—	PJ826__	—	—



Gang	Standard size			Mid-size
	Thermoset	Nylon	Stainless steel	Polycarbonate
2 Toggles & duplex receptacle	2158__	5158__	93543	PJ28__
2 Toggles & decorator	2173__	—	93443	PJ226__

Size options



Color ordering information:

A (Almond), B (Brown), BK (Black), BL (Blue), GY (Gray), LA (Light Almond), RD (Red), V (Ivory), W (White), Brass, Stainless Steel, BB (Brushed Bronze)

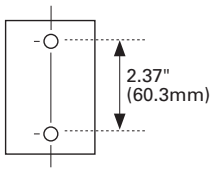
A	B	BK	BL	GY	LA	RD	V	W			BB
(Almond)	(Brown)	(Black)	(Blue)	(Gray)	(Lt. Almond)	(Red)	(Ivory)	(White)	(Brass)	(Stainless Steel)	(Brushed Bronze)

***Note:** See pages C-9 – C-24 for full specifications and available color options.
Compliances, specifications and availability are subject to change without notice.

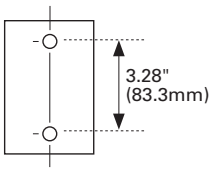
Wallplate dimensional information

Mounting holes for wallplates and covers

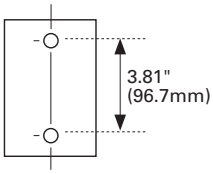
These are the most common nominal spacings for mounting holes on wallplates and covers. Holes are normally countersunk for oval head #6-32 screws.



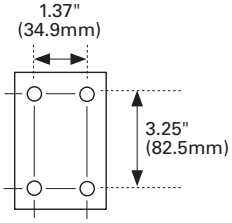
Device or strap



Box



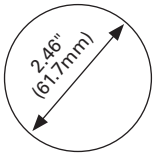
Decorator/GFCI



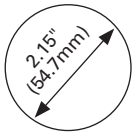
FS box

Cover opening dimensions

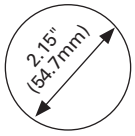
Nominal dimensions for cover openings conform to industry standards and practices.



4-wire
power device



Off center
power device



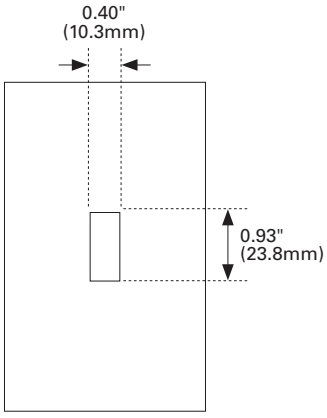
3-wire
power device

Single locking
receptacle
20/30 Amp

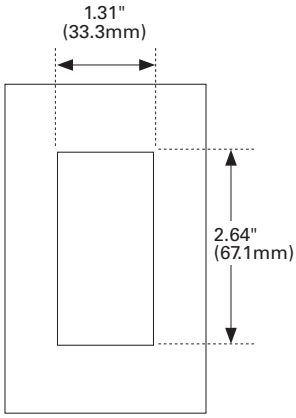
Single receptacle

Plate opening dimensions

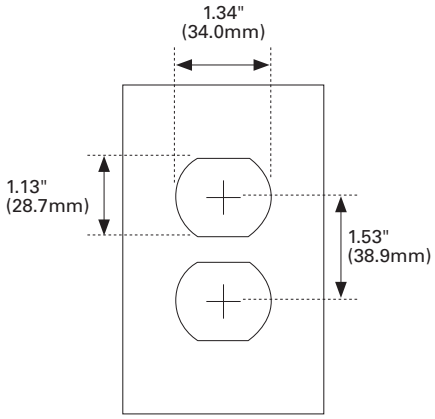
Nominal dimensions for plate openings conform to industry standards and practices.



Toggle



Decorator



Duplex receptacle

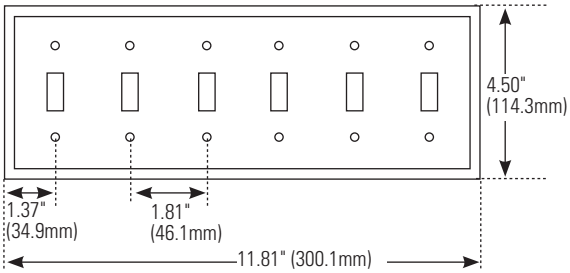
Compliances, specifications and availability are subject to change without notice.

Wallplate dimensional information

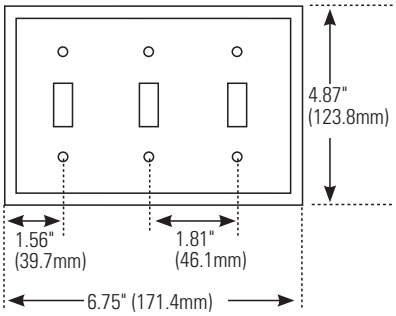
Wallplate sizes

Gang	Description	Height	Width	First gang to edge	Gang to gang
1-Gang	Standard	4.50" (114.3mm)	2.75" (34.9mm)	1.37" (34.9mm)	—
	Mid-size	4.87" (123.8mm)	3.13" (79.4mm)	1.56" (39.7mm)	—
	Oversize	5.25" (133.4mm)	3.5" (88.9mm)	1.75" (44.4mm)	—
2-Gang	Standard	4.50" (114.3mm)	4.56" (115.9mm)	1.37" (34.9mm)	1.81" (46.0mm)
	Mid-size	4.87" (123.8mm)	4.94" (125.4mm)	1.56" (39.7mm)	1.81" (46.0mm)
	Oversize	5.25" (133.4mm)	5.31" (134.9mm)	1.75" (44.4mm)	1.81" (46.0mm)
3-Gang	Standard	4.50" (114.3mm)	6.37" (161.9mm)	1.37" (34.9mm)	1.81" (46.0mm)
	Mid-size	4.87" (123.8mm)	6.75" (171.4mm)	1.56" (39.7mm)	1.81" (46.0mm)
	Oversize	5.25" (133.4mm)	7.17" (182.2mm)	1.75" (44.4mm)	1.81" (46.0mm)
4-Gang	Standard	4.50" (114.3mm)	8.19" (207.9mm)	1.37" (34.9mm)	1.81" (46.0mm)
	Mid-size	4.87" (123.8mm)	8.56" (217.5mm)	1.56" (39.7mm)	1.81" (46.0mm)
	Oversize	5.25" (133.4mm)	8.94" (227.0mm)	1.75" (44.4mm)	1.81" (46.0mm)
5-Gang	Standard	4.50" (114.3mm)	10.00" (254.0mm)	1.37" (34.9mm)	1.81" (46.0mm)
	Mid-size	4.87" (123.8mm)	10.37" (263.5mm)	1.56" (39.7mm)	1.81" (46.0mm)
6-Gang	Standard	4.50" (114.3mm)	11.81" (300.0mm)	1.37" (34.9mm)	1.81" (46.0mm)
	Mid-size	4.87" (123.8mm)	12.18" (309.5mm)	1.56" (39.7mm)	1.81" (46.0mm)

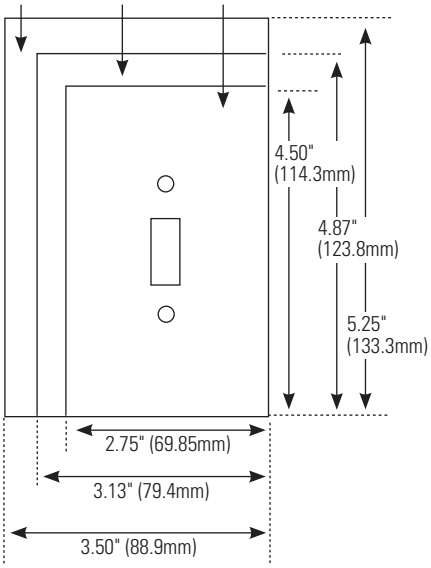
Standard



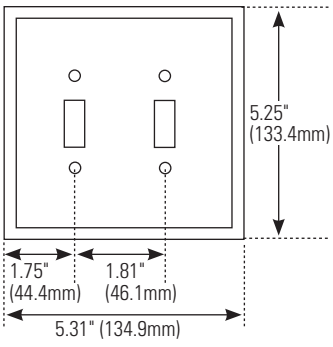
Mid-size



Oversize Mid-size Standard



Oversize

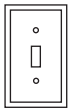


Compliances, specifications and availability are subject to change without notice.

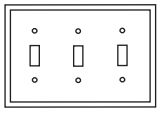
Standard size toggle switch wallplates

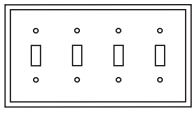
Product description

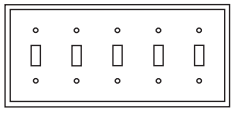
1-Gang, 2-Gang, 3-Gang,
4-Gang, 5-Gang, 6-Gang

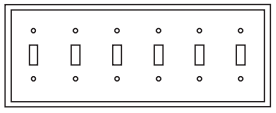

1-Gang

2-Gang


3-Gang


4-Gang


5-Gang


6-Gang

Toggle switch

Gang	Material	Color suffix	Catalog no.		
1-Gang	Nylon	A, B, BK, GY, LA, RD, V, W	☐ 5134__	•	•
	Thermoset	A, B, LA, V, W	☐ 2134__	•	•
	302/304 Stainless steel	—	☐ 93071	•	•
	Brass	—	☐ 94071	•	•
2-Gang	Nylon	A, B, BK, GY, LA, RD, V, W	☐ 5139__	•	•
	Thermoset	A, B, LA, V, W	☐ 2139__	•	•
	302/304 Stainless steel	—	☐ 93072	•	•
	Brass	—	☐ 94072	•	•
3-Gang	Nylon	A, B, BK, GY, LA, V, W	☐ 5141__	•	•
	Thermoset	A, B, LA, V, W	☐ 2141__	•	•
	302/304 Stainless steel	—	☐ 93073	•	•
	Brass	—	☐ 94073	•	•
4-Gang	Nylon	A, B, BK, GY, LA, V, W	☐ 5154__	•	•
	Thermoset	A, B, LA, V, W	☐ 2154__	•	•
	302/304 Stainless steel	—	☐ 93074	•	•
5-Gang	Thermoset	A, B, LA, V, W	☐ 2155__	•	•
	302/304 Stainless steel	—	☐ 93075	•	•
6-Gang	Thermoset	A, B, V, W	☐ 2156__	•	•
	302/304 Stainless steel	—	☐ 93076	•	•

Color ordering information:

For ordering devices, include Catalog no. followed by the Color suffix: A (Almond), B (Brown), BK (Black), GY (Gray), LA (Light Almond), RD (Red), V (Ivory), W (White), Brass, Stainless Steel

A	B	BK	GY	LA	RD	V	W
(Almond)	(Brown)	(Black)	(Gray)	(Lt. Almond)	(Red)	(Ivory)	(White)

(Brass) (Stainless Steel)

Certification information: 2000 and 5000 series wallplates are cULus certified; 93000 series wallplates are UL and CSA certified; 94000 are UL certified **Dimensional information:** C-5, C-6
Compliances, specifications and availability are subject to change without notice.

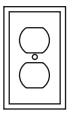
Indicates NAFTA compliant - Page G-21 RoHS compliant - Page G-21

Standard size wallplates

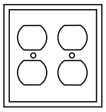
Standard size duplex receptacle wallplates

Product description

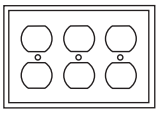
1-Gang, 2-Gang, 3-Gang



1-Gang



2-Gang



3-Gang

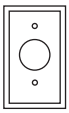
Duplex receptacle

Gang	Material	Color suffix	Catalog no.		
1-Gang	Nylon	A, B, BK, GY, LA, RD, V, W	☐ 5132__	•	•
	Thermoset	A, B, LA, V, W	☐ 2132__	•	•
	302/304 Stainless steel	—	☐ 93101	•	•
	Brass	—	☐ 94101	•	•
2-Gang	Nylon	A, B, BK, GY, LA, RD, V, W	☐ 5150__	•	•
	Thermoset	A, B, LA, V, W	☐ 2150__	•	•
	302/304 Stainless steel	—	☐ 93102	•	•
	Brass	—	☐ 94102	•	•
3-Gang	302/304 Stainless steel	—	☐ 93103	•	•

Standard size single receptacle wallplates

Product description

1-Gang



1-Gang

Single receptacle

Gang	Material	Color suffix	Catalog no.		
1-Gang	Nylon	A, B, BK, GY, RD, V, W	☐ 5131__	•	•
	Thermoset	A, B, LA, V, W	☐ 2131__	•	•
	302/304 Stainless steel	—	☐ 93091	•	•
	Brass	—	☐ 94091	•	•

Color ordering information:

For ordering devices, include Catalog no. followed by the Color suffix: A (Almond), B (Brown), BK (Black), GY (Gray), LA (Light Almond), RD (Red), V (Ivory), W (White), Brass, Stainless Steel

A	B	BK	GY	LA	RD	V	W		
(Almond)	(Brown)	(Black)	(Gray)	(Lt. Almond)	(Red)	(Ivory)	(White)	(Brass)	(Stainless Steel)

Certification information: 2000 and 5000 series wallplates are cULus certified; 93000 series wallplates are UL and CSA certified; 94000 are UL certified **Dimensional information:** C-5, C-6

Compliances, specifications and availability are subject to change without notice.

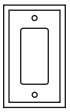
Indicates NAFTA compliant - Page G-21

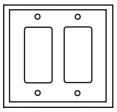
RoHS compliant - Page G-21

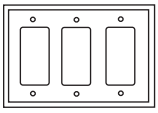
Standard size decorator wallplates

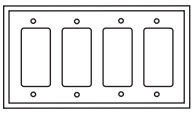
Product description

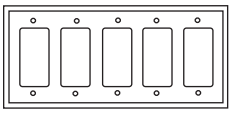
1-Gang, 2-Gang, 3-Gang,
4-Gang, 5-Gang, 6-Gang

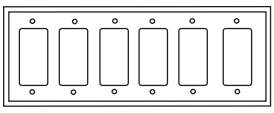

1-Gang


2-Gang


3-Gang


4-Gang


5-Gang


6-Gang

Decorator

Gang	Material	Color suffix	Catalog no.		
1-Gang	Nylon	A, B, BL, BK, GY, LA, RD, V, W	☐5151__	•	•
	Thermoset	A, B, BK, GY, LA, V, W	☐2151__	•	•
	302/304 Stainless steel	—	☐93401	•	•
	Brass	—	☐94401	•	•
2-Gang	Nylon	A, B, BK, GY, LA, V, W	☐5152__	•	•
	Thermoset	A, B, BK, GY, LA, V, W	☐2152__	•	•
	302/304 Stainless steel	—	☐93402	•	•
	Brass	—	☐94402	•	•
3-Gang	Thermoset	A, B, GY, LA, V, W	☐2163__	•	•
	302/304 Stainless steel	—	☐93403	•	•
4-Gang	Thermoset	A, B, LA, V, W	☐2164__	•	•
	302/304 Stainless steel	—	☐93404	•	•
5-Gang	Thermoset	A, B, LA, V, W	☐2165__	•	•
	302/304 Stainless steel	—	☐93405	•	•
6-Gang	Thermoset	A, B, LA, V, W	☐2166__	•	•
	302/304 Stainless steel	—	☐93406	•	•

Color ordering information:

For ordering devices, include Catalog no. followed by the Color suffix: A (Almond), B (Brown), BK (Black), BL (Blue), GY (Gray), LA (Light Almond), RD (Red), V (Ivory), W (White), Brass, Stainless Steel

A	B	BK	BL	GY	LA	RD	V	W
(Almond)	(Brown)	(Black)	(Blue)	(Gray)	(Lt. Almond)	(Red)	(Ivory)	(White)

(Brass) (Stainless Steel)

Certification information: 2000 and 5000 series wallplates are cULus certified; 93000 series wallplates are UL and CSA certified; 94000 are UL certified **Dimensional information:** C-5, C-6
Compliances, specifications and availability are subject to change without notice.

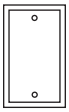
Indicates NAFTA compliant - Page G-21 RoHS compliant - Page G-21

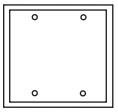
Standard size wallplates

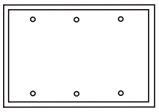
Standard size blank wallplates

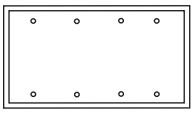
Product description

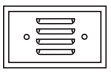
1-Gang, 2-Gang, 3-Gang, 4-Gang


1-Gang


2-Gang


3-Gang


4-Gang


93630

93631

Blank, box mounted

Gang	Material	Color suffix	Catalog no.		
1-Gang	Nylon	A, B, BK, GY, LA, V, W	☐ 5129__	•	•
	Thermoset	A, B, LA, V, W	☐ 2129__	•	•
	302/304 Stainless steel	—	☐ 93151	•	•
	Brass	—	☐ 94151	•	•
2-Gang	Nylon	A, B, BK, GY, LA, V, W	☐ 5137__	•	•
	Thermoset	A, B, LA, V, W	☐ 2137__	•	•
	302/304 Stainless steel	—	☐ 93152	•	•
3-Gang	302/304 Stainless steel	—	☐ 93153	•	•
4-Gang	302/304 Stainless steel	—	☐ 93154	•	•

Standard size louver

Product description

Horizontal & vertical

Single receptacle

Gang	Material	Color suffix	Catalog no.		
1-Gang horizontal louver	302/304 Stainless steel	—	☐ 93630	•	•
1-Gang vertical louver	302/304 Stainless steel	—	☐ 93631	•	•

Color ordering information:

For ordering devices, include Catalog no. followed by the Color suffix: A (Almond), B (Brown), BK (Black), GY (Gray), LA (Light Almond), V (Ivory), W (White), Brass, Stainless Steel

A	B	BK	GY	LA	V	W		
(Almond)	(Brown)	(Black)	(Gray)	(Lt. Almond)	(Ivory)	(White)	(Brass)	(Stainless Steel)

Certification information: 2000 and 5000 series wallplates are cULus certified; 93000 series wallplates are UL and CSA certified; 94000 are UL certified **Dimensional information:** C-5, C-6
Compliances, specifications and availability are subject to change without notice.

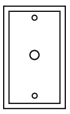
Indicates NAFTA compliant - Page G-21

RoHS compliant - Page G-21

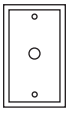
Standard size combination wallplates

Product description

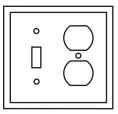
1-Gang, 2-Gang



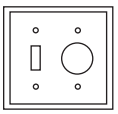
0.38" Hole



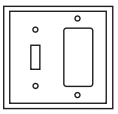
0.63" Hole



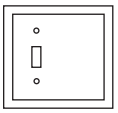
Toggle & duplex receptacle



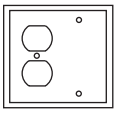
Toggle & single receptacle



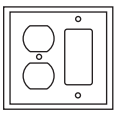
Toggle & decorator



Toggle & blank



Duplex receptacle & blank



Duplex receptacle & decorator

Telephone & coax

Gang	Material	Color suffix	Catalog no.		
1-Gang with 0.38" (9.5mm) hole	Nylon	B, GY, V, W	☐5128__	•	•
	Thermoset	A, B, LA, V, W	☐2128__	•	•
	302/304 Stainless steel	—	☐93696	•	•
1-Gang with 0.63" (15.9mm) hole	Nylon	B, GY, V, W	☐5159__	•	•
	Thermoset	A, B, BK V, W, LA, V, W	☐2159__	•	•
	302/304 Stainless steel	—	☐93591	•	•

Combination 2-gang

Gang	Material	Color suffix	Catalog no.		
2-Gang toggle & duplex receptacle	Nylon	A, B, BK, GY, LA, V, W	☐5138__	•	•
	Thermoset	A, B, LA, V, W	☐2138__	•	•
	302/304 Stainless steel	—	☐93532	•	•
	Brass	—	☐94532	•	•
2-Gang toggle & single receptacle	302/304 Stainless steel	—	☐93512	•	•
2-Gang toggle & decorator	Nylon	A, B, BK, GY, LA, V, W	☐5153__	•	•
	Thermoset	A, B, LA, V, W	☐2153__	•	•
	302/304 Stainless steel	—	☐93432	•	•
	Brass	—	☐94432	•	•
2-Gang toggle & blank	Nylon	A, B, BK, LA, V	☐5171__	•	•
2-Gang duplex receptacle & blank	Nylon	A, B, BK, LA, V	☐5170__	•	•
2-Gang duplex receptacle & decorator	Thermoset	A, LA, V, W	☐2157__	•	•

Color ordering information:

For ordering devices, include Catalog no. followed by the Color suffix: A (Almond), B (Brown), BK (Black), GY (Gray), LA (Light Almond), V (Ivory), W (White), Brass, Stainless Steel

A	B	BK	GY	LA	V	W		
(Almond)	(Brown)	(Black)	(Gray)	(Lt. Almond)	(Ivory)	(White)	(Brass)	(Stainless Steel)

Certification information: 2000 and 5000 series wallplates are cULus certified; 93000 series wallplates are UL and CSA certified; 94000 are UL certified **Dimensional information:** C-5, C-6
Compliances, specifications and availability are subject to change without notice.

Indicates NAFTA compliant - Page G-21

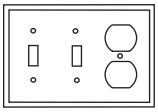
RoHS compliant - Page G-21

Standard size wallplates

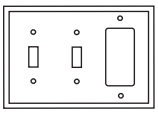
Standard size combination wallplates

Product description

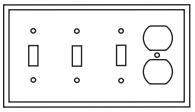
3-Gang, 4-Gang



2 toggles & duplex receptacle



2 toggles & decorator



3 toggles & duplex receptacle

Combination 3-gang

Description	Material	Color suffix	Catalog no.		
3-Gang 2 toggles & duplex receptacle	Nylon	B, GY, V, W	☐ 5158__	•	•
	Thermoset	A, B, LA, V, W	☐ 2158__	•	•
	302/304 Stainless steel	—	☐ 93543	•	•
3-Gang 2 toggles & decorator	Thermoset	A, LA, V, W	☐ 2173__	•	•
	302/304 Stainless steel	—	☐ 93443	•	•

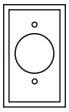
Combination 4-gang

Description	Material	Color suffix	Catalog no.		
4-Gang 3 toggles & duplex receptacle	Thermoset	A, LA, V, W	☐ 2174__	•	•
	302/304 Stainless steel	—	☐ 93554	•	•

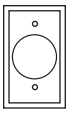
Standard size power outlet wallplates

Product description

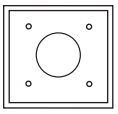
1-Gang, 2-Gang



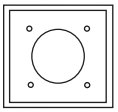
1-Gang 1.59" hole



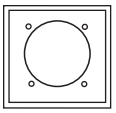
1-Gang 2.15" hole



2-Gang 2.15" hole



2-Gang 2.28" hole



2-Gang 2.47" hole

Power outlet

Description	Material	Color suffix	Catalog no.		
1-Gang with 1.59" (40.5mm) hole	302/304 Stainless steel	—	☐ 93111	•	•
1-Gang with 2.15" (54.8mm) hole	302/304 Stainless steel	—	☐ 93221	•	•
2-Gang with 2.15" (54.8mm) hole	Thermoset	A, B, LA, V, W	☐ 2168__	•	•
	302/304 Stainless steel	—	☐ 93227	•	•
2-Gang with 2.28" (57.9mm) hole	302/304 Stainless steel	—	☐ 93228	•	•
2-Gang with 2.47" (62.7mm) hole	Nylon	V, W	☐ 5169__	•	•
	302/304 Stainless steel	—	☐ 93223	•	•

Standard size wallplate guide for power devices

Wallplates for power devices

Power device catalog no.	Wallplate catalog no.
32B, 38B, 1233, 1234, 1253, 1254, 1257, 1258, 1263	2068, 2168, 93221, 93227

Color ordering information:

For ordering devices, include Catalog no. followed by the Color suffix: A (Almond), B (Brown), GY (Gray), LA (Light Almond), V (Ivory), W (White), Stainless Steel

A	B	GY	LA	V	W	
(Almond)	(Brown)	(Gray)	(Lt. Almond)	(Ivory)	(White)	(Stainless Steel)

Certification information: 2000 and 5000 series wallplates are cULus certified; 93000 series wallplates are UL and CSA certified; 94000 are UL certified **Dimensional information:** C-5, C-6

Compliances, specifications and availability are subject to change without notice.

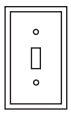
Indicates NAFTA compliant - Page G-21

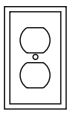
RoHS compliant - Page G-21

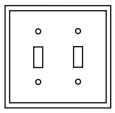
Standard size extra depth wallplates

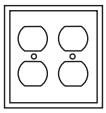
Product description

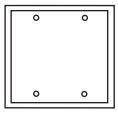
1-Gang, 2-Gang

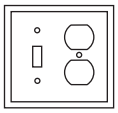

1-Gang toggle

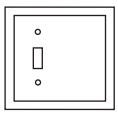

1-Gang duplex receptacle

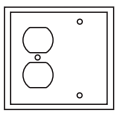

2-Gang toggle


2-Gang duplex receptacle


2-Gang blank


2-Gang toggle & duplex receptacle


2-Gang toggle & blank


2-Gang duplex receptacle & blank

Extra depth*

Description	Material	Color suffix	Catalog no.		
1-Gang toggle	Thermoset	V, W	☐ 4134__	•	•
1-Gang duplex receptacle	Thermoset	V, W	☐ 4132__	•	•
2-Gang toggle	Thermoset	V, W	☐ 4139__	•	•
2-Gang duplex receptacle	Thermoset	V, W	☐ 4150__	•	•
2-Gang blank	Thermoset	V, W	☐ 4137__	•	•
2-Gang toggle & duplex receptacle	Thermoset	V, W	☐ 4138__	•	•
2-Gang toggle & blank	Thermoset	V, W	☐ 4171__	•	•
2-Gang duplex receptacle & blank	Thermoset	V, W	☐ 4170__	•	•

*Extra depth wallplates are approximately 10% deeper than standard size/standard depth counterparts.

Color ordering information:

For ordering devices, include Catalog no. followed by the Color suffix: V (Ivory), W (White)

V	W
(Ivory)	(White)

Certification information: 2000 and 5000 series wallplates are cULus certified; 93000 series wallplates are UL and CSA certified; 94000 are UL certified **Dimensional information:** C-5, C-6
Compliances, specifications and availability are subject to change without notice.

Indicates NAFTA compliant - Page G-21

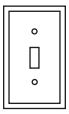
RoHS compliant - Page G-21

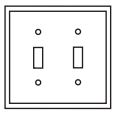
Mid-size wallplates

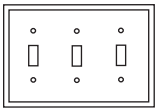
Mid-size toggle switch wallplates

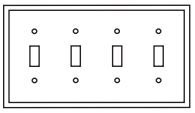
Product description

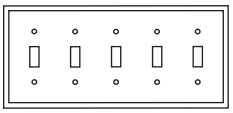
1-Gang, 2-Gang, 3-Gang,
4-Gang, 5-Gang, 6-Gang

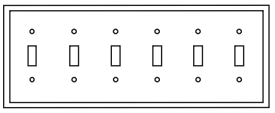

1-Gang


2-Gang


3-Gang


4-Gang


5-Gang


6-Gang

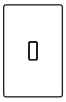
Toggle switch

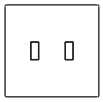
Description	Material	Color suffix	Catalog no.		
1-Gang	Polycarbonate	A, B, BK, GY, LA, RD, V, W	☐PJ1__		•
	Thermoset	A, B, LA, V, W	☐2034__	•	•
	302/304 Stainless steel	—	☐93971	•	•
2-Gang	Polycarbonate	A, B, BK, GY, LA, RD, V, W	☐PJ2__		•
	Thermoset	A, B, LA, V, W	☐2039__	•	•
	302/304 Stainless steel	—	☐93972	•	•
3-Gang	Polycarbonate	A, B, BK, GY, LA, RD, V, W	☐PJ3__		•
	Thermoset	A, B, LA, V, W	☐2041__	•	•
	302/304 Stainless steel	—	☐93973	•	•
4-Gang	Polycarbonate	A, B, BK, GY, LA, V, W	☐PJ4__		•
	Thermoset	A, LA, V, W	☐2054	•	•
5-Gang	Polycarbonate	A, B, BK, GY, LA, V, W	☐PJ5__		•
6-Gang	Polycarbonate	A, B, BK, GY, LA, V, W	☐PJ6__		•

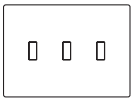
Mid-size toggle switch screwless wallplates

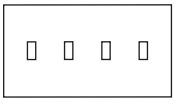
Product description

1-Gang, 2-Gang, 3-Gang, 4-Gang


1-Gang


2-Gang


3-Gang


4-Gang

Screwless toggle switch

Description	Material	Color suffix	Catalog no.	
1-Gang	Polycarbonate	A, B, BB, BK, LA, V, W	☐PJS1__	•
2-Gang	Polycarbonate	A, B, BB, BK, LA, V, W	☐PJS2__	•
3-Gang	Polycarbonate	A, LA, V, W	☐PJS3__	•
4-Gang	Polycarbonate	A, LA, V, W	☐PJS4__	•

Color ordering information:

For ordering devices, include Catalog no. followed by the Color suffix: A (Almond), B (Brown), BK (Black), GY (Gray), LA (Light Almond), RD (Red), V (Ivory), W (White), BB (Brushed Bronze), Stainless Steel

A	B	BK	GY	LA	RD	V	W	BB	
(Almond)	(Brown)	(Black)	(Gray)	(Lt. Almond)	(Red)	(Ivory)	(White)	(Brushed Bronze)	(Stainless Steel)

Certification information: 2000, 5000 and PJ series wallplates are cULus certified; 93000 series wallplates are UL and CSA certified; 94000 are UL certified **Dimensional information:** C-5, C-6
Compliances, specifications and availability are subject to change without notice.

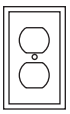
Indicates NAFTA compliant - Page G-21

RoHS compliant - Page G-21

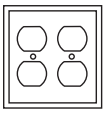
Mid-size duplex, screwless & single receptacles wallplates

Product description

1-Gang, 2-Gang



1-Gang



2-Gang

Duplex receptacle

Description	Material	Color suffix	Catalog no.		
1-Gang	Polycarbonate	A, B, BK, BL, GY, LA, RD, V, W	☐ PJ8__		•
	Thermoset	A, B, LA, V, W	☐ 2032__	•	•
	302/304 Stainless steel	—	☐ 93901	•	•
2-Gang	Polycarbonate	A, B, BK, GY, LA, RD, V, W	☐ PJ82__		•
	Thermoset	A, LA, V, W	☐ 2050__	•	•
	302/304 Stainless steel	—	☐ 93902	•	•

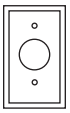
1-Gang

Mid-size duplex receptacle screwless wallplates

Product description

1-Gang

Description	Material	Color suffix	Catalog no.
1-Gang	Polycarbonate	A, B, BB, BK, LA, V, W	☐ PJS8__



1-Gang

Single receptacle

Description	Material	Color suffix	Catalog no.		
1-Gang with 1.41" (35.7mm) hole	Thermoset	A, B, LA, V, W	☐ 2031__	•	•
	302/304 Stainless steel	—	☐ 93991	•	•

Color ordering information:

For ordering devices, include Catalog no. followed by the Color suffix: A (Almond), B (Brown), BK (Black), BL (Blue), GY (Gray), LA (Light Almond), RD (Red), V (Ivory), W (White), BB (Brushed Bronze), Stainless Steel

A	B	BK	BL	GY	LA	RD	V	W
(Almond)	(Brown)	(Black)	(Blue)	(Gray)	(Lt. Almond)	(Red)	(Ivory)	(White)

BB	
(Brushed Bronze)	(Stainless Steel)

Certification information: 2000, 5000 and PJ series wallplates are cULus certified; 93000 series wallplates are UL and CSA certified; 94000 are UL certified **Dimensional information:** C-5, C-6

Compliances, specifications and availability are subject to change without notice.

Indicates NAFTA compliant - Page G-21

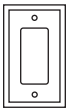
RoHS compliant - Page G-21

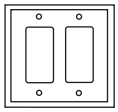
Mid-size wallplates

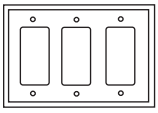
Mid-size decorator wallplates

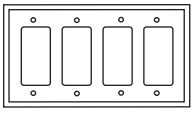
Product description

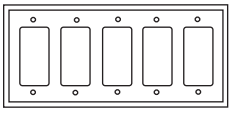
1-Gang, 2-Gang, 3-Gang,
4-Gang, 5-Gang, 6-Gang

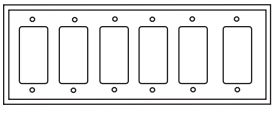

1-Gang


2-Gang


3-Gang


4-Gang


5-Gang


6-Gang

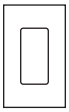
Decorator

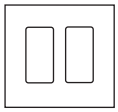
Description	Material	Color suffix	Catalog no.		
1-Gang	Polycarbonate	A, B, BK, BL, GY, LA, RD, V, W	☐PJ26__		•
	Thermoset	A, B, LA, V, W	☐2051__	•	•
	302/304 Stainless steel	—	☐93934	•	•
2-Gang	Polycarbonate	A, B, BK, GY, LA, RD, V, W	☐PJ262__		•
	Thermoset	A, LA, V, W	☐2052__	•	•
	302/304 Stainless steel	—	☐93935	•	•
3-Gang	Polycarbonate	A, B, BK, GY, LA, V, W	☐PJ263__		•
	Thermoset	A, LA, V, W	☐2063__	•	•
	302/304 Stainless steel	—	☐93936	•	•
4-Gang	Polycarbonate	A, B, BK, GY, LA, V, W	☐PJ264__		•
	Thermoset	A, LA, V, W	☐2064__	•	•
5-Gang	Polycarbonate	A, B, BK, GY, LA, V, W	☐PJ265__		•
6-Gang	Polycarbonate	A, B, BK, GY, LA, V, W	☐PJ266__		•

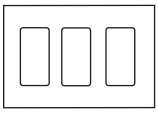
Mid-size decorator screwless wallplates

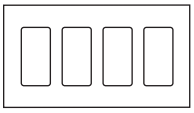
Product description

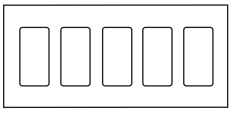
1-Gang, 2-Gang, 3-Gang,
4-Gang, 5-Gang, 6-Gang

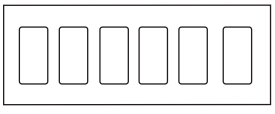

1-Gang


2-Gang


3-Gang


4-Gang


5-Gang


6-Gang

Screwless Decorator

Description	Material	Color suffix	Catalog no.	
1-Gang	Polycarbonate	A, B, BB, BK, GY, LA, V, W	☐PJS26__	•
2-Gang	Polycarbonate	A, B, BB, BK, LA, V, W	☐PJS262__	•
3-Gang	Polycarbonate	A, BB, BK, LA, V, W	☐PJS263__	•
4-Gang	Polycarbonate	A, BK, LA, V, W	☐PJS264__	•
5-Gang	Polycarbonate	A, BK, LA, V, W	☐PJS265__	•
6-Gang	Polycarbonate	A, BK, LA, V, W	☐PJS266__	•

Color ordering information:

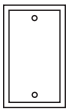
For ordering devices, include Catalog no. followed by the Color suffix: A (Almond), B (Brown), BK (Black), GY (Gray), LA (Light Almond), RD (Red), V (Ivory), W (White), BB (Brushed Bronze), Stainless Steel

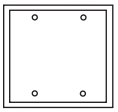
A	B	BK	GY	LA	RD	V	W	BB	
(Almond)	(Brown)	(Black)	(Gray)	(Lt. Almond)	(Red)	(Ivory)	(White)	(Brushed Bronze)	(Stainless Steel)

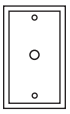
Certification information: 2000 and PJ series wallplates are cULus certified; 93000 series wallplates are UL and CSA certified
Dimensional information: C-5, C-6
Compliances, specifications and availability are subject to change without notice.

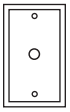
Indicates NAFTA compliant - Page G-21

RoHS compliant - Page G-21


1-Gang


2-Gang


0.375" Hole


0.406" Hole

Blank, box & strap mounted wallplates

Product description

1-Gang, 2-Gang

Blank, box & strap mounted

Description	Material	Color suffix	Catalog no.		
1-Gang blank, box mounted	Polycarbonate	A, B, BK, GY, LA, V, W	☐ PJ13__		•
	Thermoset	A, B, LA, V, W	☐ 2029__	•	•
	302/304 Stainless steel	—	☐ 93951	•	•
1-Gang blank, strap mounted	Polycarbonate	A, B, BK, LA, V, W	☐ PJ14__		•
2-Gang blank, box mounted	Polycarbonate	A, B, BK, GY, LA, V, W	☐ PJ23__		•
	Thermoset	A, LA, V, W	☐ 2037__	•	•

Mid-size telephone & coax screwless wallplates

Product description

1-Gang, 2-Gang, 3-Gang,
4-Gang, 5-Gang, 6-Gang

Telephone & coax

Description	Material	Color suffix	Catalog no.		
1-Gang with 0.38" (9.5mm) hole	Thermoset	V, W	☐ 2028__	•	•
	302/304 Stainless steel	—	☐ 93996	•	•
1-Gang with 0.40" (10.2mm) hole, box mounted	Polycarbonate	A, B, BK, LA, V, W	☐ PJ11__		•

Color ordering information:

For ordering devices, include Catalog no. followed by the Color suffix: A (Almond), B (Brown), BK (Black), GY (Gray), LA (Light Almond), V (Ivory), W (White), Stainless Steel

A	B	BK	GY	LA	V	W	
(Almond)	(Brown)	(Black)	(Gray)	(Lt. Almond)	(Ivory)	(White)	(Stainless Steel)

Certification information: 2000 and PJ series wallplates are cULus certified; 93000 series wallplates are UL and CSA certified
Dimensional information: C-5, C-6
Compliances, specifications and availability are subject to change without notice.

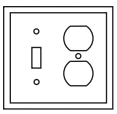
Indicates NAFTA compliant - Page G-21

RoHS compliant - Page G-21

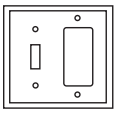
Mid-size combination wallplates

Product description

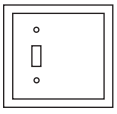
2-Gang, 3-Gang



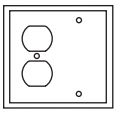
Toggle & duplex receptacle



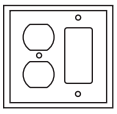
Toggle & decorator



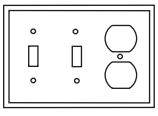
Toggle & blank



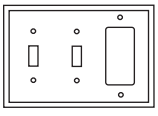
2-Gang duplex receptacle & blank



Duplex receptacle & decorator



2 Toggles & duplex receptacle



2 Toggles & decorator

Combination 2-gang

Description	Material	Color suffix	Catalog no.		
2-Gang toggle & duplex receptacle	Polycarbonate	A, B, BK, GY, LA, RD, V, W	☐ PJ18__		•
	Thermoset	A, B, LA, V, W	☐ 2038__	•	•
	302/304 Stainless steel	—	☐ 93932	•	•
2-Gang toggle & decorator	Polycarbonate	A, B, BK, GY, LA, V, W	☐ PJ126__		•
	Thermoset	A, LA, V, W	☐ 2053__	•	•
	302/304 Stainless steel	—	☐ 93937	•	•
2-Gang toggle & blank	Polycarbonate	A, B, LA, V, W	☐ PJ113__		•
2-Gang duplex receptacle & blank	Polycarbonate	A, B, BK, GY, LA, RD, V, W	☐ PJ138__		•
2-Gang duplex receptacle & decorator	Polycarbonate	A, B, BK, GY, LA, RD, V, W	☐ PJ826__		•

Combination 3-gang

Description	Material	Color suffix	Catalog no.	
3-Gang 2 toggles & duplex receptacle	Polycarbonate	A, B, BK, GY, LA, RD, V, W	☐ PJ28__	•
3-Gang 2 toggles & decorator	Polycarbonate	A, B, BK, GY, LA, V, W	☐ PJ226__	•

Color ordering information:

For ordering devices, include Catalog no. followed by the Color suffix: A (Almond), B (Brown), BK (Black), GY (Gray), LA (Light Almond), RD (Red), V (Ivory), W (White), Stainless Steel

A	B	BK	GY	LA	RD	V	W	
(Almond)	(Brown)	(Black)	(Gray)	(Lt. Almond)	(Red)	(Ivory)	(White)	(Stainless Steel)

Certification information: 2000 series wallplates are cULus certified; 93000 series wallplates are UL and CSA certified
Dimensional information: C-5, C-6
Compliances, specifications and availability are subject to change without notice.

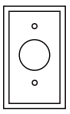
Indicates NAFTA compliant - Page G-21

RoHS compliant - Page G-21

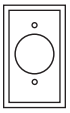
Mid-size power outlet wallplates

Product description

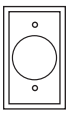
1-Gang, 2-Gang



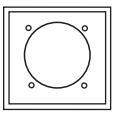
1-Gang 1.40" hole



1-Gang 1.59" hole



1-Gang 2.15" hole



2-Gang 2.15" hole

Power outlet

Description	Material	Color suffix	Catalog no.		
1-Gang with 1.40" (35.7mm) hole	Polycarbonate	A, B, BK, GY, LA, RD, V, W	☐ PJ7__		•
1-Gang with 1.59" (40.5mm) hole	Polycarbonate	B, GY, V, W	☐ PJ720__		•
1-Gang with 2.15" (54.8mm) hole	Thermoset	A, B, V, W	☐ 2068__	•	•
1-Gang with 2.15" (54.6mm) hole	Polycarbonate	B, BK, V, W	☐ PJ724__		•
	Nylon	V	☐ 5068__	•	•
2-Gang with 2.15" (54.6mm) hole	Polycarbonate	B, V, W	☐ PJ703__		•

Mid-size wallplate guide for power devices

Wallplates for power devices

Power device catalog no.	Wallplate catalog no.
32B, 38B, 1233, 1234, 1253, 1254, 1257, 1258, 1263	2068, 5068, PJ724, PJ703

Color ordering information:

For ordering devices, include Catalog no. followed by the Color suffix: A (Almond), B (Brown), BK (Black), GY (Gray), LA (Light Almond), RD (Red), V (Ivory), W (White)

A	B	BK	GY	LA	RD	V	W
(Almond)	(Brown)	(Black)	(Gray)	(Lt. Almond)	(Red)	(Ivory)	(White)

Certification information: 2000 and PJ series wallplates are cULus certified
Dimensional information: C-5, C-6
Compliances, specifications and availability are subject to change without notice.

Indicates NAFTA compliant - Page G-21

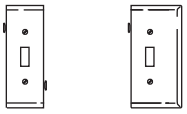
RoHS compliant - Page G-21

Mid-size sectional wallplates

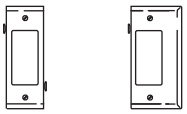
Product description

1-Gang

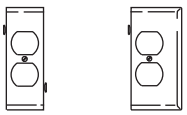
Center **End**



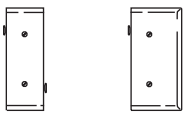
Toggle



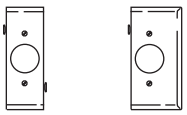
Decorator



Duplex receptacle



Blank



Single receptacle

Sectional wallplates

Description	Material	Location	Color suffix	Catalog no.	RoHS
1-Gang toggle	Polycarbonate	Center	V, W	☐ STC1__	•
	Polycarbonate	End	V, W	☐ STE1__	•
1-Gang decorator	Polycarbonate	Center	V, W	☐ STC26__	•
	Polycarbonate	End	V, W	☐ STE26__	•
1-Gang duplex receptacle	Polycarbonate	Center	V, W	☐ STC8__	•
	Polycarbonate	End	V, W	☐ STE8__	•
1-Gang blank	Polycarbonate	Center	V, W	☐ STC14__	•
	Polycarbonate	End	V, W	☐ STE14__	•
1-Gang single receptacle 1.40" (35.7mm) hole	Polycarbonate	Center	V, W	☐ STC7__	•
	Polycarbonate	End	V, W	☐ STE7__	•

Color ordering information:

For ordering devices, include Catalog no. followed by the Color suffix: V (Ivory), W (White)

V	W
(Ivory)	(White)

Certification information: ST series wallplates are cULus certified
Dimensional information: C-5, C-6
Compliances, specifications and availability are subject to change without notice.

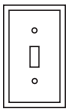
RoHS compliant - Page G-21

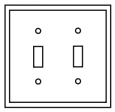
Oversize wallplates

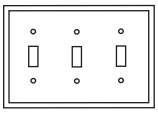
Oversize toggle switch wallplates

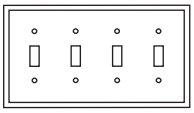
Product description

1-Gang, 2-Gang, 3-Gang, 4-Gang


1-Gang


2-Gang


3-Gang


4-Gang

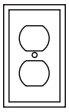
Toggle switch

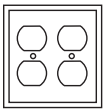
Description	Material	Color suffix	Catalog no.		
1-Gang	Thermoset	A, B, LA, V, W	☐2144__	•	•
	302/304 Stainless steel	—	☐93871	•	•
2-Gang	Thermoset	A, B, LA, V, W	☐2149__	•	•
	302/304 Stainless steel	—	☐93872	•	•
3-Gang	Thermoset	V, W	☐2741__	•	•
	302/304 Stainless steel	—	☐93873	•	•
4-Gang	302/304 Stainless steel	—	☐93874	•	•

Oversize duplex & single receptacle wallplates

Product description

1-Gang, 2-Gang


1-Gang


2-Gang

Duplex receptacle

Description	Material	Color suffix	Catalog no.		
1-Gang	Thermoset	A, B, LA, V, W	☐2142__	•	•
	302/304 Stainless steel	—	☐93801	•	•
2-Gang	Thermoset	V, W	☐2750__	•	•
	302/304 Stainless steel	—	☐93802	•	•

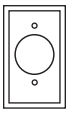
Single receptacle

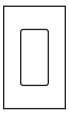
Description	Material	Color suffix	Catalog no.		
1-Gang with 1.40" (35.7mm) hole	Thermoset	V, W	☐2731__	•	•
	302/304 Stainless steel	—	☐93891	•	•

Oversize decorator receptacle wallplates

Product description

1-Gang


1-Gang


1-Gang

Decorator

Description	Material	Color suffix	Catalog no.		
1-Gang	Thermoset	V, W	☐2751__	•	•
	302/304 Stainless steel	—	☐93834	•	•

Color ordering information:

For ordering devices, include Catalog no. followed by the Color suffix: A (Almond), B (Brown), BK (Black), GY (Gray), LA (Light Almond), RD (Red), V (Ivory), W (White), Stainless Steel

A	B	BK	GY	LA	RD	V	W	
(Almond)	(Brown)	(Black)	(Gray)	(Lt. Almond)	(Red)	(Ivory)	(White)	(Stainless Steel)

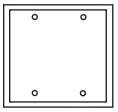
Certification information: 2000 series wallplates are cULus certified; 93000 series wallplates are UL and CSA certified
Dimensional information: C-5, C-6
Compliances, specifications and availability are subject to change without notice.

Indicates NAFTA compliant - Page G-21

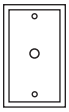
RoHS compliant - Page G-21

Oversize wallplates

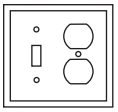
1-Gang



2-Gang



0.375" Hole



Toggle & duplex receptacle

Oversize blank, box mounted wallplates

Product description

1-Gang, 2-Gang

Blank, box mounted

Description	Material	Color suffix	Catalog no.		
1-Gang	Thermoset	V, W	☐ 2729__	•	•
	302/304 Stainless steel	—	☐ 93851	•	•
2-Gang	302/304 Stainless steel	—	☐ 93852	•	•

Oversize telephone & coax wallplates

Product description

1-Gang, 2-Gang

Telephone & coax

Description	Material	Color suffix	Catalog no.		
1-Gang 0.38" (9.5mm) hole	Thermoset	V, W	☐ 2728__	•	•
	302/304 Stainless steel	—	☐ 93896	•	•

Oversize combination wallplates

Product description

2-Gang

Combination 2-gang

Description	Material	Color suffix	Catalog no.		
2-Gang toggle & duplex receptacle	Thermoset	B, V, W	☐ 2148__	•	•

Color ordering information:

For ordering devices, include Catalog no. followed by the Color suffix: B (Brown), V (Ivory), W (White), Stainless Steel

(Brown) (Ivory) (White) (Stainless Steel)

Certification information: 2000 series wallplates are cULus certified; 93000 series wallplates are UL and CSA certified
Dimensional information: C-5, C-6
Compliances, specifications and availability are subject to change without notice.

Indicates NAFTA compliant - Page G-21

RoHS compliant - Page G-21

GFER

2161

231

756

153

7739

Wallplate accessories

Product description

GFCI extension ring, adapters, wallplate screws, blank insert & pilot light lamp holder

Wallplate accessories

Description	Material	Color suffix	Catalog no.		
GFCI extension ring for use with GFCI's, 7/8" spacer, cULus Certified	Polypropylene	B, BLK, LA, V, W	☐ GFER__		•
Adapter—decorator to blank	Polypropylene	B, LA, V, W	☐ 2160__[Δ]	•	•
Adapter—decorator to toggle	Polypropylene	V, W	☐ 2161__[Δ]	•	•
Toggle & receptacle wallplate screws #6-32 x 1/2"	Metal, baked enamel head	B, LA, V, W	☐ 231__[Δ]		•
	Nylon	RD, V, W	☐ 232__[Δ]		•
Toggle & receptacle wallplate screws #6-32 x 5/16"		LA, V, W	☐ 2231__[Δ]		•

[Δ]Not UL listed. GFER: cULus Listed to UL514C, CSA certified to C22.2, no. 18-98

Sub-frame & blank insert

Description	Color suffix	Catalog no.	
Blank insert and strap for any switch plate	B, GY, LA, V, W	☐ 756__	•

Louvered wallplate accessories

Description	Material	Catalog no.	
Recessed pilot light lamp holder with 6 watt clear S-6 bulb	Polypropylene	☐ 153	•

Listed to UL496, file no. E18522; CSA certified to C22.2, no. 43

LED steplight

Product description

15A, 120V/AC

LED steplight

Description	Color suffix	Catalog no.
15A, 120V/AC LED steplight, includes vertical & horizontal louvered wallplates	A, LA, W	☐ 7739__

cULus Listed to UL 1598, file no. E328628; CSA certified to C22.2, no. 43

Color ordering information:

For ordering devices, include Catalog no. followed by the Color suffix: A (Almond), B (Brown), BK (Black), GY (Gray), LA (Light Almond), RD (Red), V (Ivory), W (White)

A	B	BK	GY	LA	RD	V	W
(Almond)	(Brown)	(Black)	(Gray)	(Lt. Almond)	(Red)	(Ivory)	(White)

Dimensional information: C-5, C-6
Compliances, specifications and availability are subject to change without notice.

Indicates NAFTA compliant - Page G-21

RoHS compliant - Page G-21

Weather protective covers

Our wide line of weatherproof and weather protective products are designed for impact resistance, corrosion resistance, UV resistance and longevity in virtually any outdoor or indoor wet or damp location. They are ideal for patio and pool areas, decks, garages, seasonal lighting, house exterior and landscape service receptacles.

Weather protective cover families

While-in-use boxes

C-28

Weatherproof receptacle covers

C-29

Weatherproof switch covers

C-29

Weather protective receptacle covers

C-29

Weather protective cover colors

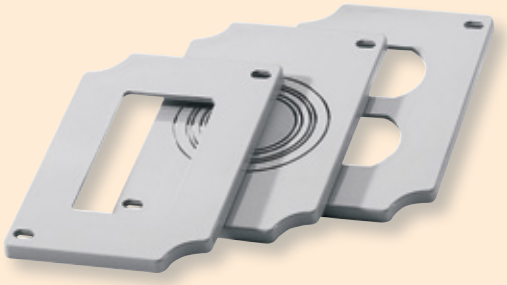
Black

Gray

White

The Eaton difference

- While-in-use boxes offer complete protection of electrical connections, even when cords are plugged in
- Award-winning design offers superior functionality with patented polycarbonate movable hinges that permit easy horizontal or vertical mounting
- Durable one-piece corrosion resistant polycarbonate cover offers additional strength and weather protection
- Deep, see-through design of cover offers plenty of space for plugs and cords along with easy visual access
- Easy to open/close with a lockable clasp
- Pre-applied gasket makes it easy to mount box properly
- Cord opening fits #12 AWG or lighter cords
- Three easy-to-install molded insets for use with decorator devices, duplex or single receptacles, and toggle switches



Specific weather protective cover solutions for today's needs

Code compliance

The 2014 NEC® Article 406.9 (B)(1) requires receptacles located outdoors on all dwellings in wet locations to be installed in enclosures that are weatherproof with or without a plug inserted.

See page C-28

Shown: WIU-1

Weatherproof switch protection

Boat houses and lifts are challenging corrosive environments for switches that need to be protected yet functional. Weather protective switch covers are also lockable for security.

See page C-29

Shown: S2983

"Protective only" covers

These covers offer "damp location" protection in partially protected outdoor areas such as covered open porches or gazebos and interior areas such as basements or barns.

See page C-29

Shown: S1962

While-in-use weather protective covers

WeatherBox while-in-use weather protective covers

Product description

1-Gang self-closing
2-Gang self-closing

WIU-1

WIU-1D

WIU-2

WIU-1HX

WIU-2X

Design features

- Meets 2014 NEC® 406.9 (B)(1) extra duty requirement for any application (WIU-1X, WIU-2X series only)
- Rugged UV-resistant polycarbonate cover and back protects devices without cracking or breaking and is non-corrosive and non-conductive
- Moveable hinges reposition easily for vertical or horizontal mounting (WIU-1 only)
- 1-Gang box includes 3 inserts for 16 different configurations
- 2-Gang box includes 4 inserts for over 60 different configurations
- Box inserts accommodate decorator devices, duplex receptacles, a variety of different single receptacle sizes and toggle switches
- Exceeds UL outdoor low voltage landscape lighting requirements
- Box cover includes pre-mounted gasket
- Meets Canadian Electrical Code rule 26-702

Standard depth

Gang	Description	# of available configurations	Color	Catalog no.	
1-Gang	Horizontal/vertical mount	16	GY	☐ WIU-1	•
1-Gang	Horizontal/vertical mount	16	W	☐ WIU-1W	•
2-Gang	Horizontal/vertical mount	60+	GY	☐ WIU-2	•
2-Gang	Horizontal/vertical mount	60+	W	☐ WIU-2W	•

cULus Listed to UL514D, file no. E33216, certified to CSA C22.2 no. 42; meets NEMA 3R requirements

Extra depth

Gang	Description	# of available configurations	Color	Catalog no.	
1-Gang	Horizontal/vertical mount	16	GY	☐ WIU-1D	•

cULus Listed to UL514D, file no. E33216, certified to CSA C22.2 no. 42; meets NEMA 3R requirements

Extra duty

Gang	Description	Color	Catalog no.	
1-Gang	Horizontal mount	GY	☐ WIU-1HX	•
1-Gang	Horizontal mount	W	☐ WIU-1WHX	•
1-Gang	Vertical mount	GY	☐ WIU-1VX	•
1-Gang	Vertical mount	W	☐ WIU-1WVX	•
2-Gang	Horizontal/vertical mount	GY	☐ WIU-2X	•
2-Gang	Horizontal/vertical mount	W	☐ WIU-2WX	•

WIU-2X & WIU-2WX: cULus Listed to UL514D, file no. E33216; meets NEMA 3R requirements

Color ordering information:

Base device is gray. For white, add Color suffix: W (White)

GY	W
(Gray)	(White)

Compliances, specifications and availability are subject to change without notice.

RoHS compliant - Page G-21

Non-metallic protective covers

Product description

Weatherproof or protective only 1-Gang, self-closing lids
1-Gang, stay open lids

S1952

S1954

S2966

S2983

S1961

Design features

- Weatherproof models are UL Listed for wet locations with cover closed
- Weatherproof models meet 2014 NEC® 406.9 (A) and 406.9 (B)(2), except for switch cover which meets 2014 NEC® 404.5
- Tough plastic construction resistant to high impact and sunlight
- Non-corrosive and non-conductive
- Gasket provided seals both device openings and edges
- Switch cover features factory-attached to cover gasket, minimizing labor for installer
- Red switch cover handle for easy visual location (S2983)
- Switch cover lockable with most padlocks in "ON" or "OFF" position (S2983)
- "Protective only" covers not for use in wet locations (S1961/2)

Weatherproof single receptacle cover

Description	Color	Catalog no.	Color	Catalog no.	
Self-closing, horizontal mount	Gray	☐ S1951	White	☐ S1951W	•

Listed to UL514D, file no. E33216; CSA certified to C22.2, no. 42.1

Weatherproof duplex receptacle/combination device cover

Description	Color	Catalog no.	Color	Catalog no.	
2 self-closing lids, horizontal mount	Gray	☐ S1952	White	☐ S1952W	•
Oversized, 2 self-closing lids, horizontal mount	Gray	☐ S1954††	—	—	•
1 self-closing lid, vertical mount	Gray	☐ S2962	White	☐ S2962W	•
1 self-closing lid, horizontal mount	Gray	☐ S3962	White	☐ S3962W	•

Listed to UL514D, file no. E33216; CSA certified to C22.2, no. 42.1 ††S1954 Only UL listed.

Weatherproof GFCI/decorator device cover

Description	Color	Catalog no.	Color	Catalog no.	
1 self-closing lid, vertical mount	Gray	☐ S2966	White	☐ S2966W	•
1 self-closing lid, horizontal mount	Gray	☐ S3966	White	☐ S3966W	•
1 self-closing lid, horizontal mount	Black	☐ S3966BK	—	—	•

Listed to UL514D, file no. E33216; CSA certified to C22.2, no. 42.1

Weatherproof switch cover

Description	Color	Catalog no.	
Flush mount cover, vertical mount	Gray	☐ S2983	•

Listed to UL514D, file no. E33216; CSA certified to C22.2, no. 42.1

Protective only, single or duplex receptacle/combination device cover

Description	Color	Catalog no.	Color suffix	Catalog no.	
Single receptacle, stay-open, horizontal mount	Gray	☐ S1961	W	☐ S1961W	•
Duplex receptacle/combo, stay-open, horizontal mount	Gray	☐ S1962	BK, W	☐ S1962__	•

Listed to UL514D, file no. E33216; CSA certified to C22.2, no. 42.1

Color ordering information:

BK (Black), GY (Gray), W (White)

BK	GY	W
(Black)	(Gray)	(White)

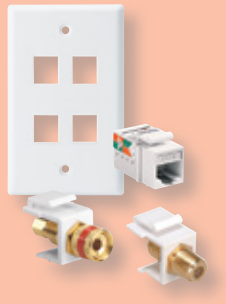
Compliances, specifications and availability are subject to change without notice.

Indicates NAFTA compliant - Page G-21

SECTION D

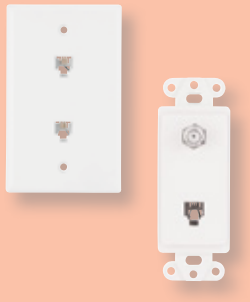
Data & Connectivity

Depend on Eaton's Wiring Devices to provide flexible, well-networked solutions for every home, every lifestyle and every budget. Eaton's data and connectivity devices allow clean and seamless integration of communication, networking, entertainment and multimedia into the home. Flexible options and colors ensure design requirements are always fulfilled.

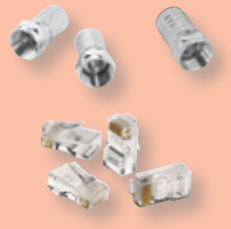


Modular connectivity
D-2

Multimedia wallplates
D-6



Connectivity points
D-10



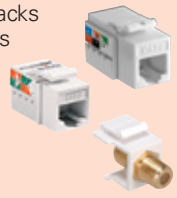
MediaSync tools & accessories
D-14

Modular connectivity points

Our full line of modular communications outlets combined with modular wallplates deliver maximum flexibility at connection points throughout the home. Modular jacks and adapters provide connection points for a variety of voice, video, data, and audio formats and are designed with quality, ease of installation and compatibility in mind.

Modular connectivity point families

Modular jacks & adapters



D-4

Modular wallplates

D-5

Decorator modular mounting strap inserts

D-5

Modular connectivity point colors

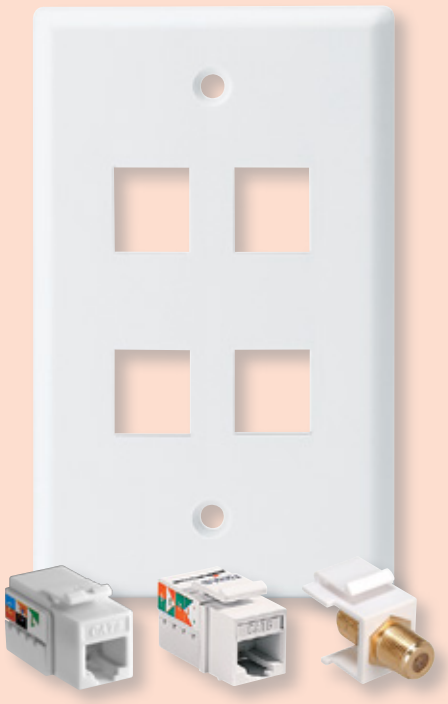
Ivory

Lt. Almond

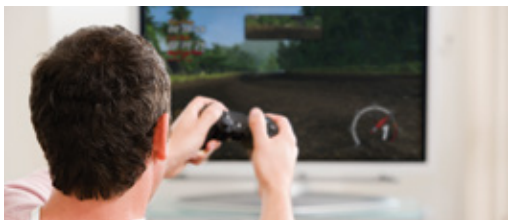
White

The Eaton difference

- Mid-size modular wallplates feature rugged thermoplastic construction
- Modular wallplates accept any combination of 110 style modular jacks, inserts and adapters
- All jacks and adapters clip smoothly into place from behind in our flush-mount modular wallplates
- All jacks are 110 style and feature IDC termination for simple and fast installation
- Jacks feature color coding wiring labels for both T568A/B and USOC
- Video connectors do not require soldering



Specific modular connectivity point solutions for today's needs

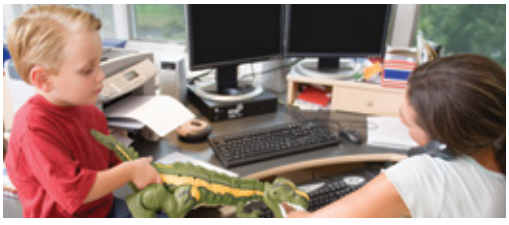


Improved performance

Modular devices offer improved quality and performance over pre-mounted devices, whether you are delivering connection points for video, data, voice or audio services.

See page D-4

Shown:
5546-6W



Flexibility & future-proofing

The modularity of this type of connection point allows the maximum flexibility, customization and future-proofing in a home. Changing plates or jacks and adapters is fast and easy.

See page D-4

Shown:
5552-5EW

Data & voice

Networking a home means more than just providing a phone jack or two and some coax connections. Our modular connection points are the foundation of providing all service types.

See page D-4

Shown:
5547-3EW

Modular jacks & adapters

Product description

Voice, data, Category 3 RJ11, Category 6 RJ45, Category 5E RJ45, RG6 F-Type coax

5546-6

5547-5E

5547-3E

5552-5E

5550-5E

Design features

- 110 style modular jacks
- Data jacks have 8 positions and 8 conductors for high-speed LAN applications
- Category 3 jacks have 6 positions and 6 conductors for voice and/or data applications
- Category 6 jacks are rated for 650MHz, Category 5E jacks are rated for 160MHz
- IDC termination for simple and fast installation
- Color coding wiring labels for both T568A/B and USOC helps easy selection of products
- Video connectors require no soldering
- All jacks and adapters clip smoothly into place in our flush-mount modular wallplates providing ease of installation

Modular jacks & adapters

Description	Features	Color suffix	Catalog no.	RoHS
Data jack, category 6 RJ45	8-position, 8-conductor 568A/B wiring	LA, V, W	☐ 5546-6__	•
Data jack, category 5e RJ45	8-position, 8-conductor 568A/B wiring	BL, LA, V, W	☐ 5547-5E__	•
Voice jack, category 3 RJ11	6-position, 6-conductor USDOC wiring	LA, V, W	☐ 5547-3E__	•
Video connector, F-type coax	For RG6 applications TV/satellite	LA, V, W	☐ 5552-5E__	•
Blank insert	For filling empty portssolid blank face	LA, V, W	☐ 5550-5E__	•

Color ordering information:

For ordering devices, include Catalog no. followed by the Color suffix: BL (Blue), LA (Light Almond), V (Ivory), W (White)

BL	LA	V	W
(Blue)	(Lt. Almond)	(Ivory)	(White)

Compliances, specifications and availability are subject to change without notice.

RoHS compliant

Flush mount modular wallplates & inserts

Product description

Single-pole & 3-way
15A, 120/277V/AC

5540LA-MSP

5523-5EW

Design features

- Rugged thermoplastic construction resists breakage providing long term durability
- Accepts any combination of 110 style modular jacks, adapters and inserts
- Mid-size plates match mid-size PJ wallplate dimensions (see Section C) and provide overlap for irregular drywall cuts
- Mounting straps accept 110 style jacks, adapters and inserts and fit into decorator-sized wallplate openings

Mid-size

Description	Color suffix	Catalog no.	
1-port modular wallplate	LA, V, W	☐5510__-MSP	•
2-port modular wallplate	LA, V, W	☐5520__-MSP	•
3-port modular wallplate	LA, V, W	☐5530__-MSP	•
4-port modular wallplate	LA, V, W	☐5540__-MSP	•

cULus Listed to UL1863, file no. E142334; FCC part 68 requirements

Decorator mounting strap inserts

Description	Color suffix	Catalog no.	
1-port decorator modular mounting strap	LA, V, W	☐5521-5E__	•
2-port decorator modular mounting strap	LA, V, W	☐5522-5E__	•
3-port decorator modular mounting strap	LA, V, W	☐5523-5E__	•

cULus Listed to UL1863, file no. E142334; FCC part 68 requirements

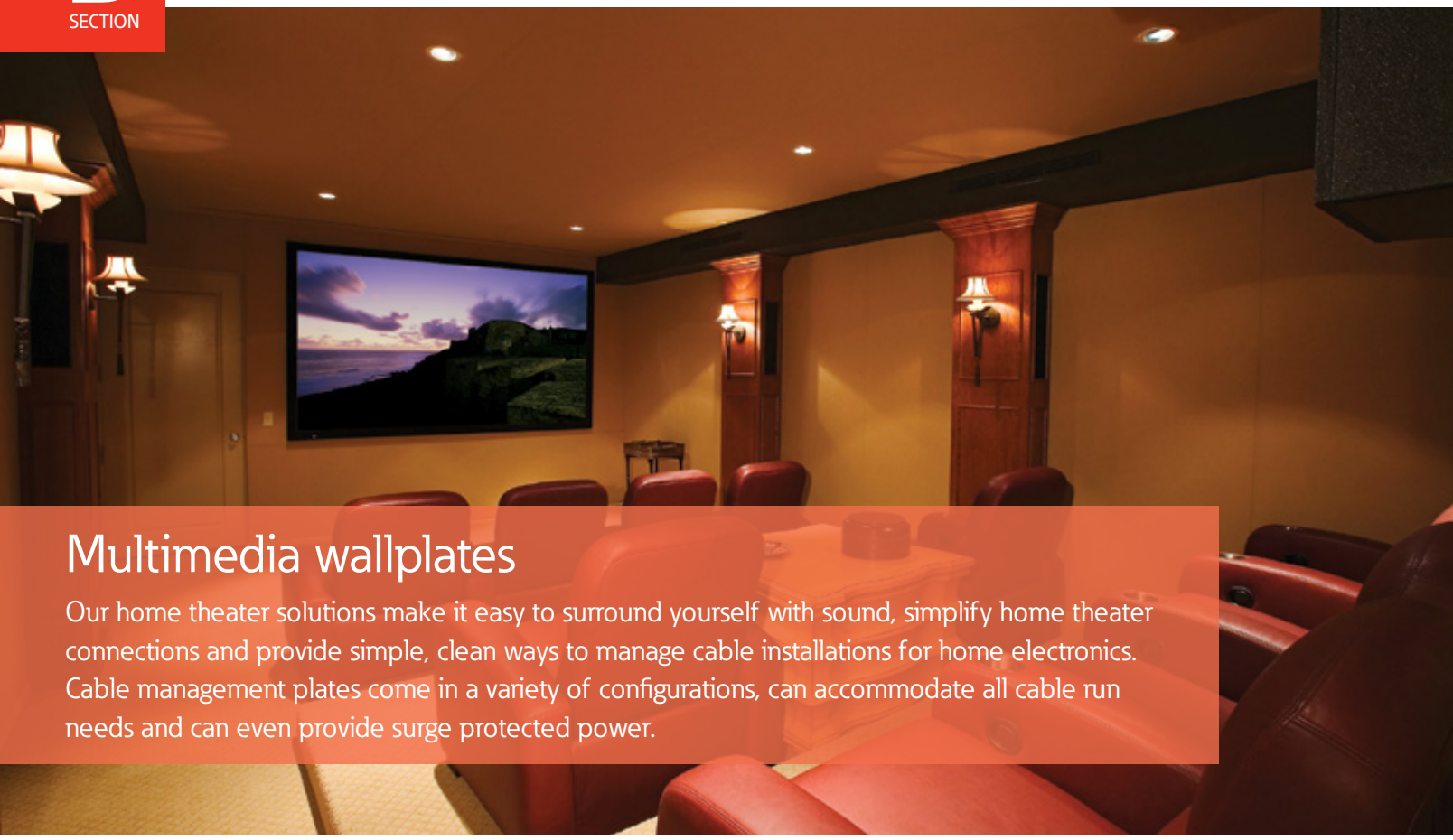
Color ordering information:

For ordering devices, include Catalog no. followed by the Color suffix: LA (Light Almond), V (Ivory), W (White)

LA	V	W
(Lt. Almond)	(Ivory)	(White)

Compliances, specifications and availability are subject to change without notice.

RoHS compliant



Multimedia wallplates

Our home theater solutions make it easy to surround yourself with sound, simplify home theater connections and provide simple, clean ways to manage cable installations for home electronics. Cable management plates come in a variety of configurations, can accommodate all cable run needs and can even provide surge protected power.

Multimedia wallplate families

Multimedia wallplates with surge protection

D-8

Multimedia wallplates with receptacles

D-9

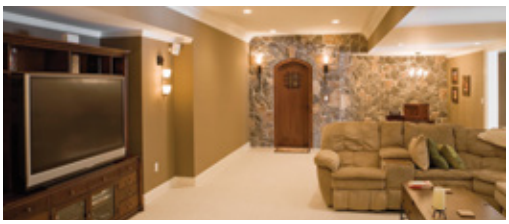
Multimedia wallplates

D-9

The Eaton difference

- Multimedia wallplates are ideal for both new construction and retrofit
- Multimedia wallplates with surge protection or receptacles are ideal for flat panel TV installations
- Multimedia wallplates with surge protection receptacles protect expensive electronics from power surges and have replaceable surge protection modules
- Multimedia wallplates are mountable in either direction
- All multimedia wallplates eliminate unsightly wires, cables, and cords

Specific multimedia wallplate solutions for today's needs



Power & surge protection

Manage cables and provide power-choose wallplates that integrate receptacles or surge protection receptacles with replacement surge modules for protection of electronics.

See pages D-8

Shown:
35M2S

Cable management

A recessed, low-profile reverse nose design provides attractive, neat and clean installation, eliminating unsightly wires and plug heads while allowing mounting in either direction.

See pages D-9

Shown:
35M1

Multimedia wallplates with surge protection

5-15R

Product description

2-pole, 3-wire grounding
15A, 125V/AC

35M2S

Design features

- Protects expensive electronics from surge strikes
- Protection up to 12kA peak surge current, 340J energy rating, 600Vpk voltage protection rating
- Large cable organizer opening for all popular low-voltage cables to manage and conceal cables
- Audible signal alerts you to protection failure
- Allows for continued use of receptacle after protection failure
- Provides simple surge module replacement without re-wiring device
- Mounts horizontally or vertically, to help customize installation
- Ideal solution for flat panel TV installations
- Easy to install with no additional parts needed

Modular jacks & adapters

A	Rating V/AC	Description	Color	Catalog no.
15	125	Multimedia wallplate with recessed duplex surge receptacle	W	☐ 35M2S-W

cETLus listed to UL1863 & ANSI/UL60950-1, CSA C22.2 no. 60950-1-03; complies with all TIA/EIA 568-A & 570-B requirements

Replacement surge bloc module

Description	Color	Catalog no.
Replacement module	W	☐ 1209W

Color ordering information:

W (White)

W

(White)

Compliances, specifications and availability are subject to change without notice.

Multimedia wallplates with receptacles

Product description

2-pole, 3-wire grounding
15A, 125 V/AC

35MR

35M1

Design features

- Provides power receptacle and cable management in one convenient unit
- Tamper resistant receptacles provide compliance with 2014 NEC® Article 406.12 which states that all 15A and 20A, 125V/AC receptacles installed in dwelling units must be tamper resistant
- Ideal solution for flat panel TV installations
- Large cable organizer opening for all popular low-voltage cables to manage and conceal cables
- Mounts horizontally or vertically, to help customize installation
- Easy to install with no additional parts needed
- Mounting clamps included

Cable management wallplate with power receptacle

A	Rating V/AC	Description	Color	Catalog no.	
15	125	Multimedia wallplate with recessed single receptacle, side wire	W	☐ 35MRW	•

cETLus listed to UL1863 & ANSI/UL60950-1, CSA C22.2 no. 60950-1-03; complies with all TIA/EIA 568-A & 570-B requirements

35M2

Multimedia wallplates

Product description

Standard size

Design features

- Rugged thermoplastic construction resists breakage for long durable use
- Offers flexibility for new construction or retrofit
- Perfect for flat panel TV installations
- Mounts horizontally or vertically, to help customize installation
- Organized, clean appearance eliminates unsightly wires, cables and cords

Mid-size

Description	Color	Catalog no.	
1-gang multimedia wallplate	W	☐ 35M1W	•
2-gang multimedia wallplate	W	☐ 35M2W	•

cETLus listed to UL1863 & ANSI/UL60950-1, CSA C22.2 no. 60950-1-03; complies with all TIA/EIA 568-A & 570-B requirements

Color ordering information:

W (White)

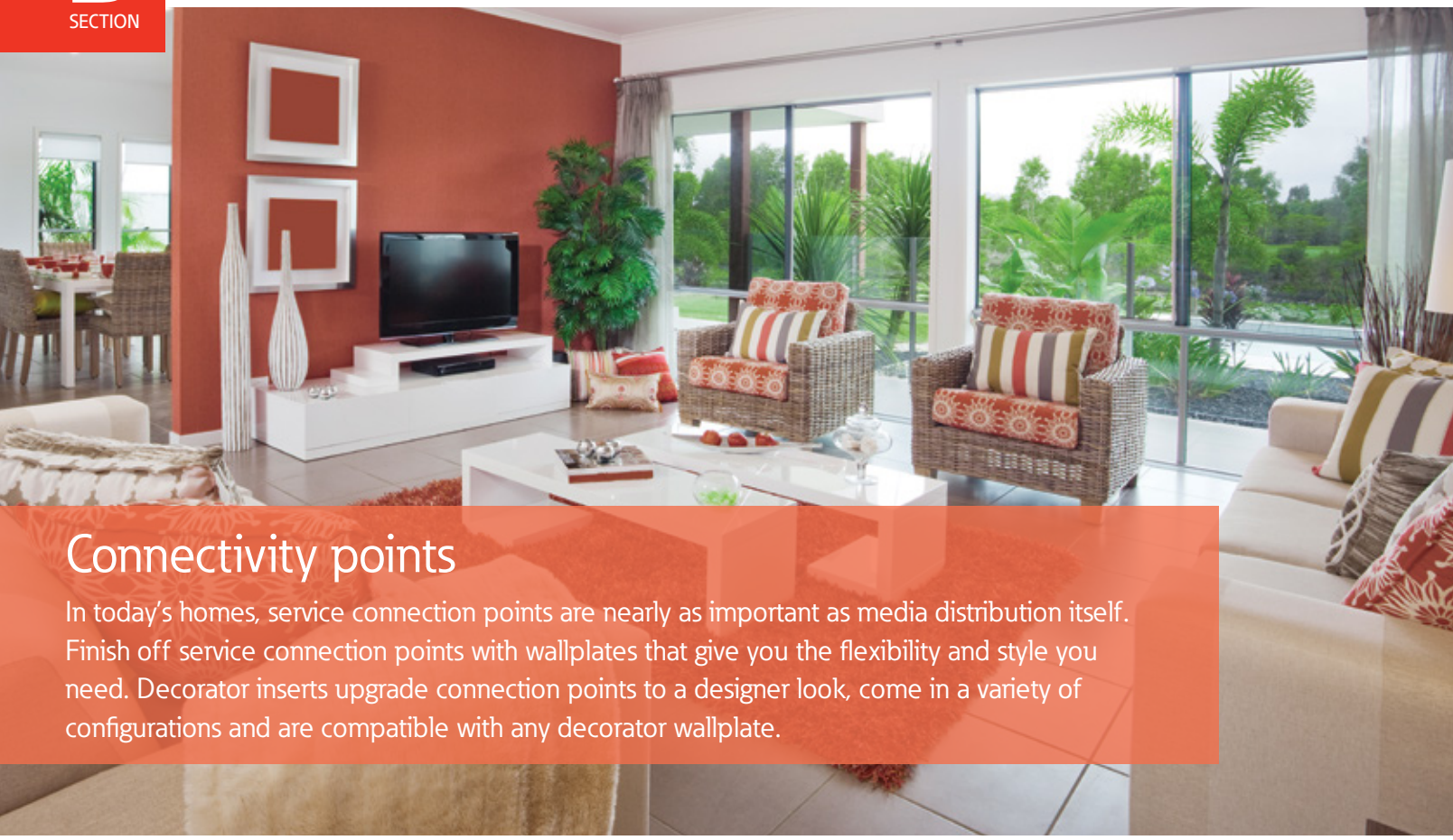
w

(White)

Compliances, specifications and availability are subject to change without notice.

RoHS compliant

TR Tamper resistant



Connectivity points

In today's homes, service connection points are nearly as important as media distribution itself. Finish off service connection points with wallplates that give you the flexibility and style you need. Decorator inserts upgrade connection points to a designer look, come in a variety of configurations and are compatible with any decorator wallplate.

Connectivity point families

Decorator inserts with connectors

D-12

Standard size wallplates with connectors

D-13

Mid-size wallplates with connectors

D-13

Connectivity point colors

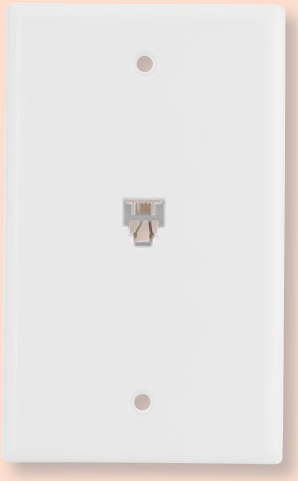
Ivory

Lt. Almond

White

The Eaton difference

- Offered in standard size and mid-size versions to match existing or new wiring devices
- Molded housing provides stability during installation and offers a simple installation practice with one-piece construction and no loose parts
- Available in the 3 popular service combinations: voice, video, & voice/video to meet the most common applications throughout a home
- Decorator strap versions offered to provide a seamless breadth of line and to compliment other decorator installation



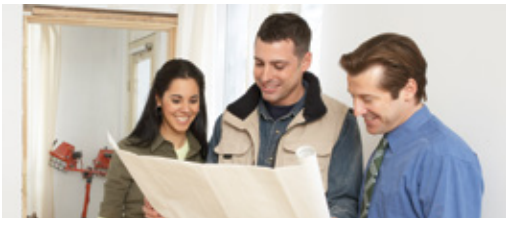
Specific connectivity point solutions for today's needs

Options to match common wallplates

Our connectivity point wallplates and inserts match standard wallplate sizes and styles to coordinate perfectly with any new or existing installation.

See page D-12

Shown:
3562



Contractor-friendly

Connectivity points offer contractors solutions at economical price points that most building and remodeling jobs require, yet feature the quality and durability they need.

See page D-13

Shown:
3521-4

Quick & simple installation

One-piece design and construction reduces time on the job, plus there are fewer parts to keep track of and less waste. Available in many common service point configurations.

See page D-13

Shown:
3536-4

Decorator inserts with connectors

Product description

Mounting strap jacks & adapters
Category 3 RJ11, RJ14
Coax Type F

2162

3560-4

3562

Design features

- Flush mount telephone jacks for use in Category 3 RJ11 & RJ14 applications
- Type F coaxial jack ideal for use with cable, satellite, TVs, DVDs, video applications and outdoor antennas
- 100% computer-tested to assure consistent high quality and reliable performance
- Fits in standard decorator wallplate openings

Decorator mounting strap inserts with connectors

Description	Color suffix	Catalog no.	
Single Type F coaxial adapter, decorator insert	A, BK, LA, V, W	☐ 2162__	•
Single 4-conductor telephone jack, decorator insert Type 625 screw terminals	A, BK, LA, V, W	☐ 3560-4__	•
Combination telephone jack & coaxial adapter, decorator insert, one 4-conductor phone jack, one Type F coax jack	LA, V, W	☐ 3562__	•

cULus Listed to UL1863, file no. E142334; FCC part 68 requirements

Color ordering information:

For ordering devices, include Catalog no. followed by the Color suffix: A (Almond), BK (Black), LA (Light Almond), V (Ivory), W (White)

A	BK	LA	V	W
(Almond)	(Black)	(Lt. Almond)	(Ivory)	(White)

Compliances, specifications and availability are subject to change without notice.

RoHS compliant

Wallplates with connectors

Product description

Standard size
Mid-size
Category 3 RJ11, RJ14, RJ25; coax Type F

1172

3521-4

3535-4

2072

3536-4

Design features

- Telephone jacks for use in Category 3 RJ11, RJ14 or RJ25 applications
- Type F coaxial jack ideal for use with cable, satellite, TVs, DVDs, video applications and outdoor antennas
- 100% computer-tested to assure consistent high quality and reliable performance
- Telephone jacks feature color-notched terminals and wire for easy wiring

Standard size wallplates with connectors

Description	Color suffix	Catalog no.	
Single coaxial adapter with wallplate, Type F	LA, V, W	☐ 1172__	•
Surface mount telephone jack quick mount wallplate, RJ11 or RJ14, 4-conductor, 630A screw terminals	LA, V, W	☐ 3521-4__	•
Telephone jack with wallplate, RJ11 or RJ14, 4-conductor, 625B4 screw terminals	LA, V, W	☐ 3532-4__	•
Combination coax & telephone jack with wallplate, 4-conductor, screw terminals, Type F	LA, V, W	☐ 3535-4__	•

cULus Listed to UL1863, file no. E142334; FCC part 68 requirements

Mid-size wallplates with connectors

Description	Color suffix	Catalog no.	
Single coaxial adapter with wallplate, Type F	A, LA, V, W	☐ 2072__	•
Telephone jack with wallplate, RJ11 or RJ14, 4-conductor, 625B4 screw terminals	A, LA, V, W	☐ 3533-4__	•
Two telephone jacks with wallplate, RJ11 or RJ14, 4-conductor, 625B3 screw terminals	LA, V, W	☐ 3547-4__	•
Combination coax & telephone jack with wallplate, 4-conductor, screw terminals, Type F	LA, W	☐ 3536-4__	•

cULus Listed to UL1863, file no. E142334; FCC part 68 requirements

Color ordering information:

For ordering devices, include Catalog no. followed by the Color suffix: A (Almond), LA (Light Almond), V (Ivory), W (White)

A	LA	V	W
(Almond)	(Lt. Almond)	(Ivory)	(White)

Compliances, specifications and availability are subject to change without notice.

RoHS compliant

MediaSync tools & accessories

The MediaSync line would not be complete without all the tools and accessories you need to do a complete home networking installation from service entrance, to distribution panel, to connectivity points. Complete installations quickly with professional quality tools and connectors that will help ensure you meet TIA/EIA 570B requirements.

Tool & accessory families

Video service: connectors

D-16

Data & voice service: connector

D-17

The MediaSync difference

- Video service compression connector tool is 3 tools in 1 with adapters for F, RCA & BNC connectors that mount in the handle for easy storage
- The coaxial cable stripper includes a hex wrench for adjusting blade stripping depth
- EZ-RJ45® crimping tool ensures a uniform crimp every cycle from the ratcheted straight action crimping motion
- Data & voice service 110 punchdown tool simultaneously seats and trims wire in 110 and 66 style cross connects
- The Category 5/6 cable jacket stripper requires no adjustment and will not nick inner conductors of Cat 5, 5e or 6 twisted pair cables

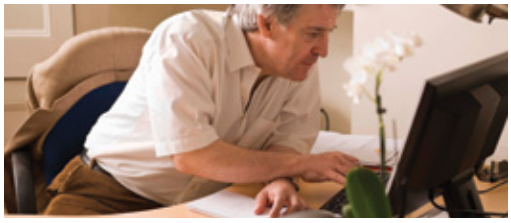
Specific tool & accessory solutions for today's needs

Better video resolution

Using our video service compression connector tool with RG6 compression connectors in the wiring backbone of your home network delivers superior video resolution to every outlet.

See page D-16

Shown:
2076-16



Reliable home networking

Get the peace of mind that comes with superior and reliable home networking connections by using RJ45 EZ™ connectors that have been installed with the EZ crimping tool.

See page D-17

Shown:
5569E1

Video service connectors & accessories

Product description

RG6, Coax Type F
Splitters

2078-T6

2076-16

Design features

- Twist-on connector does not require a crimping tool for quick and easy installation
- 2076-16 1-piece crimp-on F-connector has an attached crimp ring in an RG6 configuration
- Video splitter features die-cast body with mounting tabs and a grounding screw providing durability

Video service connectors

Description	Catalog no.
Twist-on connector for RG6, bag of 25	☐ 2078-T6
1-Piece crimp-on connector for RG6, bag of 25	☐ 2076-16

Compliances, specifications and availability are subject to change without notice.

Data & voice service connector

Product description

RJ45
110 Punchdown

5569E1

Design features

- EZ-RJ45 connectors are modular plugs that allow wire pairs to be inserted through the front of the connectors, work with solid or strand wire, and are a simple 1-piece design without bars or liners

Data & voice service connector

Description	Catalog no.
4-Pair/8-conductor EZ-RJ45® connectors, box of 100	☐ 5569E1

Compliances, specifications and availability are subject to change without notice.

SECTION E

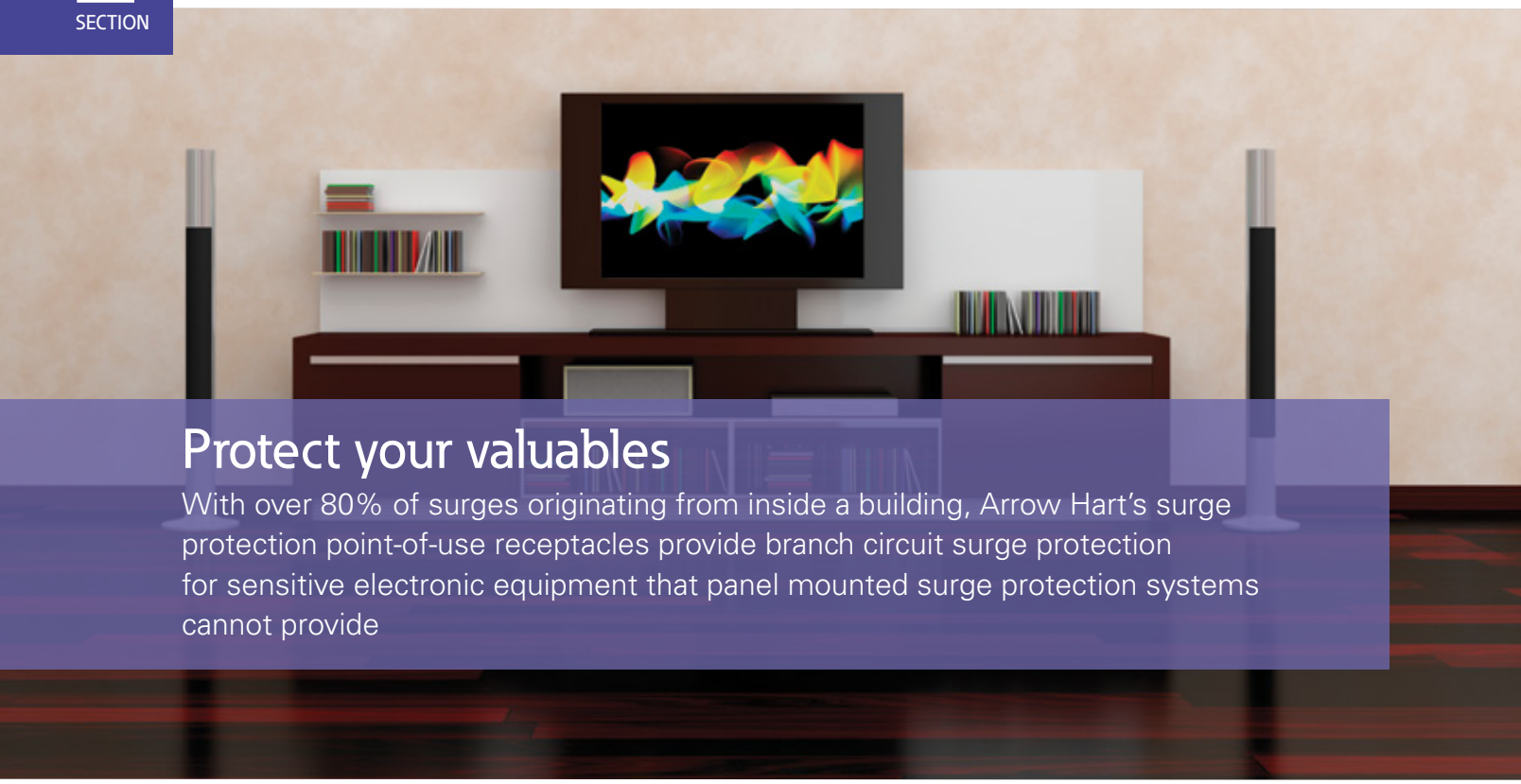
Surge Protection

Arrow Hart's surge protection point of use receptacles provide branch circuit surge protection for sensitive electronic equipment that panel mounted surge protection systems cannot provide.

Surge protection receptacles
E-3

Surge protection devices
E-4

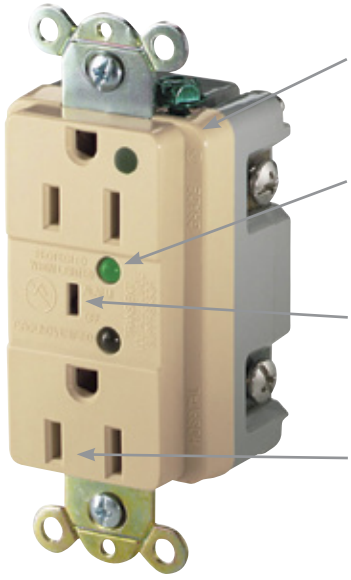
Surge protection adapters
E-5



Protect your valuables

With over 80% of surges originating from inside a building, Arrow Hart's surge protection point-of-use receptacles provide branch circuit surge protection for sensitive electronic equipment that panel mounted surge protection systems cannot provide

Surge protection plus



Audible alarm signals when surge protection has expired

Green LED indicators to verify surge protection and wiring diagnostics

Front access switch for muting audible alarm until device is replaced

Provides surge protection for hot to neutral, hot to ground and neutral to ground

Surgebloc

Standard 6" (152.4mm) leads, pre-stripped 0.50" (12.7mm)

Surgebloc versions feature exclusive patented replacement module to restore expired surge protection

Surge protection plus

Additional features & benefits

- Available in hospital and commercial grades in 15A & 20A 125V configurations with LED, audible alarm and isolated ground versions
- 8-Hole back and side wired
- High impact thermoplastic construction

Surgebloc

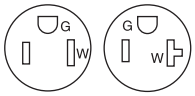
Additional features & benefits

- Provides surge protection for hot to neutral, hot to ground and neutral to ground
- Available in isolated ground versions for noise protection against EMI and RFI
- Audible alarm signals when surge protection has expired

Surge protection receptacles with LED indicators & audible alarm

Product description

2-pole, 3-wire grounding
15A, 125V/AC; 20A, 125V/AC; NEMA 5-15R & 5-20R



5-15R **5-20R**

Features

- High impact-resistant thermoplastic mounting strap for long lasting durable installation
- LED status indication (5250, 5350) to enable easier troubleshooting

IG8200HG_S

Receptacles w/audible alarm & LED indicators, back & side wire

Rating A	V/AC	NEMA	Description	Color suffix	Catalog no.
15	125	5-15R	Hospital grade, duplex receptacle	BL, RD, V, W	☐ 8200__S
			IG hospital grade, duplex receptacle	BL, RN, V, W	☐ IG8200HG__S
			Commercial grade, duplex receptacle	BL, GY, V, W	☐ 5262__S
			IG commercial grade, duplex receptacle	BL, GY, RN, V, W	☐ IG5262__S
20	125	5-20R	Hospital grade, duplex receptacle	BL, RD, V, W	☐ 8300__S
			IG hospital grade, duplex receptacle	BL, RN, V, W	☐ IG8300HG__S
			Commercial grade, duplex receptacle	BL, GY, V, W	☐ 5362__S
			IG commercial grade, duplex receptacle	BL, GY, RN, V, W	☐ IG5362__S

560 Joules, max. surge current - 18kA per mode, UL 1449 3rd edition cULus, file no. E15058

5362_S

Receptacles w/LED indicators, back & side wire

Rating A	V/AC	NEMA	Description	Color suffix	Catalog no.
15	125	5-15R	Commercial grade, duplex receptacle	BL, V, W	☐ 5250__S
20	125	5-20R	Commercial grade, duplex receptacle	BL, GY, V, W	☐ 5350__S

840 Joules, max. surge current - 18kA per mode, cULus listed to UL 1449 3rd edition, file no E15058

IG5350_S

Receptacles w/audible alarm

Rating A	V/AC	NEMA	Description	Color suffix	Catalog no.
15	125	5-15R	Commercial grade, duplex receptacle	V, W	☐ 1208__
			IG commercial grade, duplex receptacle	V, W	☐ IG1208__
20	125	5-20R	Commercial grade, duplex receptacle	V, W	☐ 1210__
			IG commercial grade, duplex receptacle	V, W	☐ IG1210__

340 Joules, max. surge current - 12kA per mode, cULus listed to UL 1449 3rd edition, file no E15058

IG1208

Replacement surgebloc module

Description	Color suffix	Catalog no.
Replacement module for 1208 & 1210	BL, GY, V, W	☐ 1209__

UL recognized accessory, file no E102018

1209

Accessories for surge protection receptacles

Description	Color	Catalog no.
1-Gang mid-size decorator polycarbonate wallplate	BL, GY, V, W	☐ PJ26__
1-Gang mid-size decorator polycarbonate wallplate, pre-marked "Isolated Ground"	RN	☐ PJ26IG

Color ordering information:

For ordering devices, include Catalog no. followed by the Color suffix: BL (Blue), GY (Gray), RD (Red), RN (Orange), V (Ivory), W (White)

BL	GY	RD	RN	V	W
(Blue)	(Gray)	(Red)	(Orange)	(Ivory)	(White)

Compliances, specifications and availability are subject to change without notice.

SPD type 2 CHSP service entrance surge protection UL 1449 3rd edition; cULus

Product description

2-pole, 3-wire grounding
15A, 125V/AC; 20A, 125V/AC
NEMA 5-15R & 5-20R

CHSPT2ULTRA

Features

- AC power protection
- Universally connects to any manufacturer's loadcentre (breakerbox)
- Quick connect design to enable easy mounting of telephone and cable protection modules
- LED status indication for convenient troubleshooting
- Externally mounted to your breaker box
- Connected equipment warranty (check instruction sheet for more details)
- Limited lifetime warranty product

CHSPT2MICRO

Service entrance surge protection devices c UL us

Enclosure	Voltage	Phase	(Hz)	MCOV	VPR	I_n	SCCR	Surge current capacity, per phase rating	Catalog no.
NEMA Type 4	120/240 V/AC rated line voltage	Single	60	150V L-N, 300V L-L	600V L-N, 600V L-N, 800V N-G, 600V L-G	20 kA*	22 kA	**108 kA** (L1-N 54 kA, L1-G 54 kA, L2-N 54 kA, L2-G 54 kA)	CHSPT2ULTRA
NEMA Type 4	120/240 V/AC rated line voltage	Single	60	150V L-N, 300V L-L	600V L-N, 600V L-N, 800V N-G, 600V L-G	5 kA	22 kA	**36 kA** (L1-N 18 kA, L1-G 18 kA, L2-N 18 kA, L2-G 18 kA)	CHSPT2MICRO

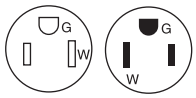
*When used with a 50A two-pole circuit breaker, 10 kA when used with a 15A two-pole circuit breaker
MCOV: Maximum continuous operating voltage that may be applied to the device per mode
VPR: Voltage protection rating is the measured limiting voltage after a surge event
In: Nominal discharge current is the current that the device can withstand for 15 impulses
SCCR: The amount of current the product can withstand under short-circuit conditions
Surge current capacity: The maximum one time surge current rating per phase
For warranty details, go to surgetrap

Compliances, specifications and availability are subject to change without notice.

Surge protection adapters

Product description

2-pole, 3-wire grounding
15A, 125V/AC
Plug-in, NEMA 5-15R
Type 3 SPD



5-15R 5-15P

1177CG

Six outlet surge adapters – plug-in

Features

- Provides full three mode surge protection for hot to neutral, hot to ground and neutral to ground (except 1156CG)
- Center mounting screw provided for permanent attachment to receptacle
- EMI/RFI filtering minimizes line noise
- Made of high impact-resistant thermoplastic for long-term durability
- Telephone/fax/modem protection provided with RJ11-type telephone ports (4-wire protection)
- Type 3 SPD

1176

Six outlet surge adapters – plug-in c UL us NOM 426

A	Rating V/AC	Joules	Max surge current	Description	Color	Catalog no.
15	125	340	12kA/mode	Full protection	CG	☐1177CG
		340	12kA/mode	Full protection w/ telephone jacks	CG	☐1162CG
		170	12kA/mode	Basic protection	CG	☐1156CG

Surge protection power strip

Design features

- Portable strip provides 7 surge-protected outlets anywhere for stereos, TVs, computers or other electronic-based equipment
- Full mode surge protection for hot to neutral, hot to ground and neutral to ground
- Resettable 15 amp circuit breaker
- Made of high impact-resistant thermoplastic for long-term durability
- Comes complete with 14/3 SJT 4' (1.22m) portable cord
- Pilot light on/off switch indicates power to unit

Surge bloc surge protection receptacles w/audible alarm c UL us NOM 426

A	Rating V/AC	Joules	Description	Color	Catalog no.
15	125	70J	Full protection 7 outlet with circuit breaker	V	☐1176V

Color information:

CG (Computer Gray), V (Ivory)

CG (Computer Gray) V (Ivory)

Compliances, specifications and availability are subject to change without notice.

SECTION F

Accessories

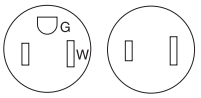
Eaton's Wiring Devices offers a broad line of accessories for a wide range of needs throughout the home. Here you will find surge protection adapters, grounded and ungrounded outlet taps and adapters plus accessories used for device testing, installation, and safety. All our accessories are manufactured to rigorous quality standards from high quality materials.

Taps & adapters
F-2

Accessories
F-3

Taps & adapters

Outlet taps and adapters, plug-in



5-15R 1-15R

Product description

2-pole, 3-wire grounding
2-pole, 2-wire non-grounding
15A, 125V/AC
NEMA 5-15R, NEMA 1-15R

Design features

- Molded of high impact-resistant plastic for long-term durability
- Six outlet taps provide center mounting screw for permanent attachment to receptacle (1146 only)
- Lighted tap has long-life neon bulb built into body that lights when plugged in (1147LT only)
- Swivel adapters hug cords close to wall in tight-fitting places such as behind furniture and office equipment
- Solid brass blades for long life and low heat rise at full load
- Grounding adapters convert 2-pole polarized outlets to 3-wire grounding outlets; grounding lug fastens to wallplate mounting screw for excellent ground connection (419, 1219)

1146

1147LT

4402

1482

1192

419

Outlet taps, plug-in, NEMA 5-15

Rating A	Rating V/AC	Description	Color suffix	Catalog no.	RoHS
15	125	Six outlet tap, duplex receptacle to 6 outlets	V, W	☐ 1146__	•
15	125	Three outlet tap, single receptacle to 3 outlets	B, V, W	☐ 1147__	•
15	125	Swivel three outlet tap, single receptacle to 3 outlets	W	☐ 1147LT__	
15	125	Three outlet cube tap, polarized, single receptacle to 3 outlets	RN	☐ 4402__	•
15	125	Three outlet cube tap, single receptacle to 3 outlets	B, V, W	☐ 1482__	
15	125	Swivel three outlet tap, single receptacle to 3 outlets	W	☐ 1192__	•

cULus Listed to UL498, file no. E241182

Outlet taps, plug-in, NEMA 1-15

Rating A	Rating V/AC	Description	Color suffix	Catalog no.	RoHS
15	125	Six outlet tap, duplex receptacle to 6 outlets	V, W	☐ C1746__	•
15	125	Three outlet tap, single receptacle to 3 outlets	B, V, W	☐ 1747__	•
15	125	Swivel three outlet tap, single receptacle to 3 outlets	W	☐ 1792__	•
15	125	Three outlet cube tap, polarized, single receptacle to 3 outlets	B, W	☐ 4400__	•
15	125	Three outlet cube tap, single receptacle to 3 outlets	B, W	☐ 400__	•

cULus Listed to UL498, file no. E241182 (except 400)

Outlet adapters, plug-in, NEMA 1-15 to NEMA 5-15

Rating A	Rating V/AC	Description	Color suffix	Catalog no.	RoHS
15	125	Single outlet grounding adapter, with grounding lug	GY, W	☐ 419__	•
15	125	Swivel three outlet tap, single receptacle to 3 outlets	B, V	☐ 1219__	•

UL Listed to file no. E241182

Color ordering information:

For ordering devices, include Catalog no. followed by the Color suffix: B (Brown), GY (Gray), RN (Orange), V (Ivory), W (White)

B	GY	RN	V	W
(Brown)	(Gray)	(Orange)	(Ivory)	(White)

Compliances, specifications and availability are subject to change without notice.

RoHS compliant

Accessories

Circuit tester

914

Product description

For AC or DC electrical circuits

Design features

- For testing AC or DC electrical circuits
- Detects the presence of power on either AC or DC circuits
- Identifies circuit conductors
- Rugged polycarbonate construction

Circuit tester

Description	Color	Catalog no.	
AC or DC circuit tester	B	☐914	•

Listed to UL1436, file no. E143353

Safety caps

29CL

Product description

Outlet caps

Design features

- Increases child safety by covering electrical outlets when not in use by restricting access to live parts
- Constructed of impact-resistant thermoplastic

Circuit tester

Description	Color	Catalog no.	
Safety cap	C	☐29CL	•

Listed to UL2255, file no. E13251

Color ordering information:

B (Brown), C (Clear)

B	C
(Brown)	(Clear)

Compliances, specifications and availability are subject to change without notice.

RoHS compliant

SECTION
WARNING
ADVERTENCIA

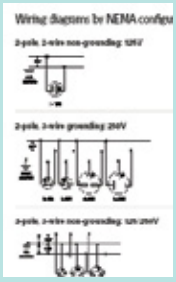
Technical Reference

We've made it quick and easy to find the important industry and product data you are looking for, including NEMA configurations, electrical codes, industry standards, relevant definitions, general wiring device information, and wiring diagrams.

NEMA configuration chart
G-2

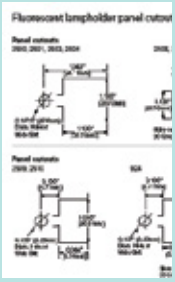
Power devices cross reference
G-3

Common industry information
G-4

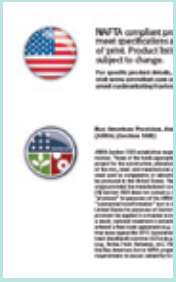


Wiring & coverage diagrams
G-10

Lighting control basics
G-18



Panel cutout dimensional data
G-20



NAFTA compliance
G-21

NEMA straight blade configurations

Poles, wires	Rating	NEMA prefix	15A Straight blade				20A Straight blade	
			Receptacles, connectors & outlets		Plugs		Receptacles, connectors	Plugs
2-pole, 2-wire	125V/AC	1	4882 ★ 86 ★● 2602 ● 2603 ● 2606 ● 2607 ● 2609 ● 1-15R	6882 ★ SA155 ★	4862 ◆ 84 ◆ 183 ◆ 1912 ◆ 2600 ◆ 2601 ◆ 3123 ◆ 1-15P	SA540 ◆ SA940 ◆		
2-pole, 3-wire grounding	125V/AC	5	222 ★ 817 + 2887 ★ 4887 ★ AH5969 ★O TR817 +R TR6250 +DR TRCR15 ■R TRVGF15 ■GR TWRVGF15 ■GRW WRVGF15 ■GW VGF15 ■G 78 ■S 270 ■ 5-15R	298 ■ 1107 ■D 4270 ■ 5270 ■L 6887 ★ SA993 ★◆ TR270 +R TR775 +R TR780 ■R TR1107 ■DR TR5797 ■R	1709 ◆ 2867 ◆ 4867 ◆ AH5965 ◆O 6867 ◆ SA399 ◆ 5-15P		1877 + 2228 ★ 4228 ★ AH5369 ★O TR1877 +R TR6350 +DR TRCR20 ■R TRVGF20 ■GR TWRVGF20 ■GRW VGF20 ■G WRVGF20 ■GW 5-20R	2809 ◆ 4409 ◆ AH5364 ◆O 5-20P
	250V/AC	6	2227 ★ 4227 ★ AH5669 ★O 6-15R	74 ■S	2866 ◆ 4866 ◆ AH5666 ◆O 6-15P		2229 ★ 4229 ★ AH5469 ★O 6-20R	3809 ◆ 4509 ◆ AH5464 ◆O 6-20P
	277V/AC	7	5302 □		2839 ◆ 7-15P			
3-pole, 3-wire	125/250V/AC	10					805 + 10-20R	2836 ◆ 10-20P

Poles, wires	Rating	NEMA prefix	30A Straight blade		50A Straight blade		60A Straight blade	
			Receptacles	Plugs	Receptacles	Plugs	Receptacles	Plugs
2-pole, 3-wire grounding	125V/AC	5	1233 +■ 5-30R	S41 ◆A 5-30P	1253 + 5-50R	S41 ◆A 5-50P		
	250V/AC	6	1232 +S 1234 + 6-30R	S42 ◆A 6-30P	1252 +S 1254 + 6-50R	S42 ◆A 6-50P		
3-pole, 3-wire	125/250V/AC	10	38B + 125 +S 10-30R	S80 ◆A 10-30P	32B + 112 +S 10-50R	S80 ◆A 10-50P		
3-pole, 4-wire grounding	125/250V/AC	14	1225 +S 1257 + 14-30R	S21 ◆A 14-30P	58 +P 1212 +S 1258 + 14-50R	S21 ◆A 14-50P	60 +P 14-60R	S20 ◆AN 14-60P

Straight blade legend: How to use the chart

Core catalog number color indicates a device's grade:

BLACK = Heavy duty grade
BLUE = Standard grade

A suffix combining a **RED** shape and alpha letter indicates a device's body and type.

Device body:

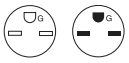
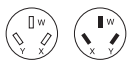
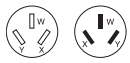
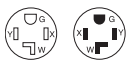
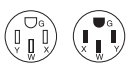
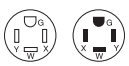
- ■ Duplex receptacle
- + Single receptacle
- ◆ Plug
- ★ Connector
- ● Outlet

Device type:

- **A** Angled
- **D** Decorator
- **G** GFCI
- **L** CO/ALR
- **O** Quick grip
- **P** Panel mount

Power devices cross reference

Straight blade power devices – 20A, 30A, 50A & 60A

Rating: Amps V/AC	Receptacle/ Plug NEMA Configuration	Flush Receptacle	Wallplate	Surface Receptacle	Panel Mount Receptacle	Plugs	Adapters
2-pole, 3-wire grounding							
30A 125V	5-30R 5-30P	**1233** (Brown)	Standard size: **2068, 2168, 93221, 93227** Mid-size: **5068, PJ703, PJ724**			**S41** (Black)	
30A 125V	TT-30R TT-30P	**1263** (Black)			**U1263** (Black)	**83** (Black)	**1264** TT-30 Plug to NEMA 5-15R or 5-20R (Black)
30A 125V	 6-30R 6-30P	**1234** (Black)		**1232** (Black)		**S42** (Black)	
50A 125V	5-50R 5-50P	**1253** (Brown)				**S41** (Black)	
50A 125V	6-50R 6-50P	**1254** (Black)		**1252** (Black)		**S42** (Black)	
3-pole, 3-wire non-grounding							
20A 125/250V	 10-20R 10-20P	**805** (Ivory)				**2836** (Yellow)	
30A 125/250V Dryer	10-30R 10-30P	**38B** (Brown)	Standard size: **2068, 2168, 93221, 93227** Mid-size: **5068, PJ703, PJ724**	**125** (Black)		**S80** (Black)	
50A 125/250V Range	 10-50R 10-50P	**32B** (Brown)		**112** (Black)		**S80** (Black)	
3-pole, 4-wire grounding							
30A 125/250V Dryer	 14-30R 14-30P	**1257** (Black)	Standard size: **2068, 2168, 93221, 93227** Mid-size: **5068, PJ703, PJ724**	**1225** (Black)		**S21** (Black)	
50A 125/250V Range	 14-50R 14-50P	**1258** (Black)		**1212** (Black)	**58** (Black)	**S21** (Black)	
60A 125/250V	 14-60R 14-60P				**60** (Black)	**S20** (Black)	

Organization abbreviations glossary

Common abbreviations for organizations often referred to in the electrical industry and also noted throughout the residential catalog

ANSI
American National Standards Institute, Inc.

ANSI is a private, non-profit organization that administers and coordinates the U.S. voluntary standardization and conformity assessment system. The Institute's mission is to enhance both the global competitiveness of U.S. business and the U.S. quality of life by promoting and facilitating voluntary consensus standards and conformity assessment systems and safeguarding their integrity.

CEC Title 24
California Energy Commission's Energy Efficiency Standards for Residential and Nonresidential Buildings

Part of the California State Building Code, Title 24 requires a minimum level of energy efficiency for all new heated or cooled structures, including additions and alterations to existing homes and most commercial buildings. Energy efficient lighting and controls must be incorporated per the current standards. Energy-efficient lighting fixtures (often fluorescent) are required as well as the use of dimmers and vacancy/occupancy sensors. The standard covers all rooms in a home except closets under 70 square feet.

CSA
Canadian Standards Association

The Canadian Standards Association is a not-for-profit, membership-based association that conducts product safety testing, and issues certifications.

GSA
General Services Administration Federal Supply Service

GSA's Federal Supply Service provides federal customers with a specific list of manufacturer's products that have been approved to meet stated requirements. The most frequently cited Federal Specifications regarding electrical wiring devices are those for Electrical Power Connector, Plug, Receptacle and Cable Outlet (Fed. Spec. W-C 596) and for Toggle and Lock, Flush Mounted Switches (Fed. Spec. W-S 896).

NEC®
National Electrical Code®

Published by the NFPA (see listing) as NFPA 70, the National Electrical Code. This publication, renewed every 3 years under the auspices of ANSI, provides for the adequate protection of life and property from dangers associated with the use of electricity. It is now adopted and enforced in all 50 states in the United States and is also the basis for electrical codes in several other countries.

NEMA
National Electrical Manufacturers Association

Comprised of electrical manufacturers, NEMA provides a forum for the standardization and testing of electrical equipment, enabling consumers to select from a range of safe, effective, and compatible electrical products. NEMA-standards of testing is frequently required by both government and third-party endorsees such as UL and CSA prior to their approval.

NFPA
National Fire Protection Association

The mission of the international non-profit NFPA is to reduce the worldwide burden of fire and other hazards on the quality of life by providing and advocating scientifically based consensus codes and standards, research, training and education. The NFPA authors the NEC® and NPPA 70E electrical safety in the workplace.

NOM
Normas Oficiales de México (Official Mexican Standards)

The Official Mexican Standards (referred to as Normas or NOMs) augment the Mexican Hazardous Materials Land Transportation Regulation and provide information relative to importing and exporting hazardous materials from and to Mexico.

OSHA
Occupational Health and Safety Administration, U.S. Department of Labor

OSHA's mission is to assure safe and healthful working conditions for working men and women (having been authorized to enforce standards first created under the Occupational Health and Safety Act of 1970 and since evolved), by assisting and encouraging the States in their efforts to assure safe and healthful working conditions.

UL
Underwriters Laboratories

Underwriters Laboratories Inc. (UL) is an independent, not-for-profit product safety testing and certification organization.

NSF
National Sanitation Foundation

NSF International helps protect people by certifying products and writing standards for consumer goods. As an independent, not-for-profit organization, NSF works toward allowing everyone to live safer.

Organization acronyms

Standards development organizations

ANSI	American National Standards Institute
ASME	American Society of Mechanical Engineers
BRC	British Retail Consortium
CANENA	Consejo de Armonización de Normas Electrotécnicas de Norte América (Council for Harmonization of Electrotechnical Standardization of North America)
IEC	International Electrotechnical Commission
IEEE	Institute of Electrical and Electronics Engineers
ISA	Instrument Society of America
ISO	International Standards Organization
NFPA	National Fire Protection Agency
NSF	National Sanitation Foundation
SAE	Society of Automotive Engineers
SME	Society of Manufacturing Engineers

Certification agencies

ANCE	National Association of Normalization and Certification of the Electrical Sector (Mexico)
BSI	British Standards Institute
CCC	China Compulsory Certification
CE	European Compliance (This is not a certification agency, but CE is the European Compliance Mark)
CSA	Canadian Standards Association
cUL	Certified to CSA Standards by Underwriters Laboratories
cULus	Meets Canadian & US UL requirements
DESC	Defense Electronic Supply Center
ETL	Electrical Testing Laboratories
FCC	Federal Communications Commission
FM	Factory Mutual
IAPA	Independent Accident and Protection Association (Canada)
LEED	Leadership in Energy and Environmental Design
NRTL	National Recognized Testing Laboratories
OSHA	Occupational Safety and Health Administration
TUV	TUV Rheinland of N.A., Inc.
VDE	Verband Deutscher Elektrotechniker (Germany)
UL	Underwriters Laboratories

Codes & standards

CEC	Canadian Electrical Code
CEE	European Electrotechnical Committee
NEC	National Electrical Code®
NMX	Normas Mexicanas
NOM	Normas Oficiales de México (Official Mexican Standard)

Industry associations

ABYC	American Boat and Yacht Council
ASHE	American Society of Healthcare Engineering
BICSI	Building Industry Consulting Services International
BOMA	Building Owners Management Association
CANAME	Cámara Nacional de Manufacturas Eléctricas (México)
CEMRA	Canadian Electrical Manufacturers Representatives Association
ECOC	Electrical Contractors of Canada
EFI	Electro-Federation Incorporated
EIA	Electronics Industry Association
EPRI	Electric Power Research Institute
IAEI	International Association of Electrical Inspectors
IBI	Intelligent Building Institute
IECA	Independent Electrical Contractors Association
IFMA	International Facilities Management Association
NAED	National Association of Electrical Distributors
NAW	National Association of Wholesalers
NECA	National Electrical Contractors Association
NEMA	National Electrical Manufacturers Association
NEMRA	National Electrical Manufacturers Representative Association
NMDA	National Marine Distributor Association
NMRA	National Marine Representative Association
SEMI	Semi-Conductor Equipment and Material International
TIA	Telecommunications Industry Association
USGBC	US Green Building Council

Common UL & CSA standards for wiring devices

UL standards pertaining to Eaton's Cooper Wiring Devices

UL20	General-use switches
UL50	Enclosures for electrical equipment
UL94	Flammability testing for materials, plastic
UL486E	Equipment and wiring terminals
UL496	Lampholders
UL498	Plugs, connectors, receptacles, inlets, outlets
UL498A	Taps and adapters
UL508	Industrial equipment (including motor control switches)
UL514A	Metallic boxes/covers/wallplates
UL514D	Nonmetallic boxes/covers/wallplates
UL817	Cord sets
UL943	GFCIs
UL1054	Special use switches
UL1363	Temporary power taps
UL1436	Outlet circuit testers
UL1449	Surge suppression devices
UL1472	Dimmers
UL1567	Switches and receptacles used with AL wire
UL1699	Arc fault circuit interrupters

UL standards pertaining to Eaton's Cooper Wiring Devices

UL1786	Night-lights
UL1863	Communications circuit accessories
UL1917	Solid state fan speed control
FSWC596	Fed. Spec. receptacles
FSWS896	Fed. Spec. switches

CSA standards pertaining to Eaton's Cooper Wiring Devices

C22.2 No. 0.17	Polymeric materials
C22.2 No. 12	Night lights
C22.2 No. 42	General-use receptacles, attachment plugs
C22.2 No. 55	Special-use switches
C22.2 No. 111	General-use switches
C22.2 No. 144	GFCI
C22.2 No. 182.1	Industrial-type, special-use attachment plugs, receptacles and connectors. Pin and sleeve devices
C22.2 No. 182.2	Industrial locking type

General purpose wiring device definitions from NEMA Standard WD-1

NEMA standards pertaining to Arrow Hart Products
(in accordance with NEMA Standard WD-1)

WD 1-1.01 Cord connector

A portable receptacle with means for attachment to a flexible cord; the cord connector is not intended for permanent mounting.

NEMA Standard 7-13-1967

WD 1-1.02 Grounded conductor (system ground)

This is a usually current-carrying circuit conductor that's purposely connected to earth ground and is identified as the white conductor.

NEMA Standard 7-13-1967

WD 1-1.03 Grounding conductor (equipment ground)

Unlike the System Ground version, this conductor connects non-current-carrying metallic equipment parts to earth ground, providing a specific path for fault current to ground. It can be bare or covered, in which case it is identified as the green conductor, or green with yellow stripes.

NEMA Standard 7-13-1967

WD 1-1.04 Lampholder

Lampholders mechanically support an electric lamp and electrically connect it to a circuit.

NEMA Standard 7-13-1967

WD 1-1.05 Male base (inlet)

Designed for flush or surface mounting on an appliance or other equipment, male-based plugs serve to connect utilization equipment to a connector.

NEMA Standard 7-13-1967

WD 1-1.06 Outlet

An outlet is a point on the wiring system at which current is taken to supply utilization equipment.

NEMA Standard 7-13-1967

WD 1-1.07 Plug

The male blades of our plugs serve to connect the conductors of the attached, flexible cord with those of the female receptacle.

NEMA Standard 7-1-1967

WD 1-1.08 Polarization (plugs and receptacles)

Polarization assures the correct positioning for proper mating of plugs and receptacles of the same rating.

NEMA Standard 7-1-1967

WD 1-1.09 Pole

When used to designate plugs and receptacles, "pole" refers to a terminal that is connected to a regularly current-carrying circuit conductor. In switches, the number of poles indicates how many conductors are being controlled.

NEMA Standard 7-1-1967

WD 1-1.10 Receptacle

This device features female contacts, and is installed primarily at an outlet or on equipment meant to establish electrical connection with an inserted plug.

NEMA Standard 7-1-1967

WD 1-1.11 Slant symbol (/)

As it applies to wiring device ratings, the "slant" line(/) indicates that there's more than one voltage potential present between different terminals of a wiring device.

NEMA Standard 7-1-1967

WD 1-1.12 Switch

There are several different types of switches available for making, breaking or changing electrical circuit connections, including:

A. Single-pole switch (single-pole, single-throw), which makes or breaks the connection of a single conductor.

B. Double-pole switch (double-pole, single-throw), which makes or breaks the connection of two conductors on a single branch circuit.

C. Three-way switch (single-pole, double-throw), which changes the connection of a single conductor and is most often utilized in tandem to better control one piece of equipment from two locations.

D. Four-way switch (double-pole, double-throw reversing) is a double-pole switch used with two three-way switches to control a single piece of equipment from more than two locations.

NEMA Standard 7-13-1967

WD 1-1.13 Terminal (on a wiring device)

A terminal is a fixed location on a wiring device where a conductor is designated for connection.

NEMA Standard 7-13-1967

WD 1-1.14 Wire (plugs and receptacles)

As it applies in designating plugs and receptacles, the term "wire" stands for the number of either regularly current-carrying or equipment grounding connected conductors.

NEMA Standard 7-13-1967

Selected articles, National Electric Code (NEC®) requirements for wiring devices from NFPA 70™, NEC® 2014 Edition

Article 210 — Branch circuits

210.8	Ground-fault circuit-interrupter protection for personnel
210.21	Branch circuit ratings, outlet devices
210.24	Branch circuit requirements - summary
210.50	Required outlets, general
210.60	Required outlets, guest rooms, guest suites, dormitories and similar occupancies
210.62	Required outlets, show windows
210.70	Lighting outlets required

Article 404 — Switches

404.2	Installation, switch connections
404.3	Installation, enclosure
404.4	Installation, damp or wet locations
404.9	Installation, provisions for general-use snap switches
404.14	Rating and use of snap switches
404.15	Construction specifications, marking

Article 406 — Receptacles, cord connectors & attachment plugs (caps)

406.3	Receptacle rating and type
406.4	General installation requirements
406.5	Receptacle mounting
406.6	Receptacle faceplates (cover plates)
406.7	Attachment plugs, cord connectors and flanged surface devices
406.8	Noninterchangeability
406.9	Receptacles in damp or wet locations
406.10	Grounding-type receptacles, adapters, cord connectors and attachment plugs
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406.13	Tamper-resistant receptacles in guest rooms and guest suites
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430.83	Motor controllers, ratings
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430.109	Disconnecting means, type

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517.18	Wiring and protection, general care areas
517.19	Wiring and protection, critical care areas
517.20	Wiring and protection, wet procedure locations
517.21	Ground-Fault-Circuit-Interrupter protection for personnel
517.30	Essential electrical systems for hospitals
517.31	Branches requiring automatic connection
517.35	Sources of power
517.40	Essential electrical systems for nursing homes and limited care facilities
517.41	Essential electrical systems (nursing homes, etc.)
517.45	Essential electrical systems for other health care facilities
517.61	Inhalation anesthetizing locations, wiring and equipment
517.62	Inhalation anesthetizing locations, grounding
517.63	Grounded power systems in anesthetizing locations
517.64	Inhalation anesthetizing locations, low-voltage equipment and instruments
517.71	X-ray installations connection to supply circuit
517.72	X-ray installations disconnecting means
517.160	Isolated power systems

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555.13	Wiring methods and installations
555.15	Grounding
555.17	Disconnecting means for shore power connection(s)
555.19	Receptacles (including GFCI)

Article 590 — Temporary installations

590.4	General (including receptacles and GFCI)
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Article 604 — Manufactured wiring systems

604.2	Definition
604.6	Construction (including receptacles and connectors)

Article 630 — Electric welders

630.13	Arc welders, disconnecting means
630.33	Resistance welders, disconnecting means

Article 647 — Sensitive electronic equipment

647.7	Receptacles (including isolated ground receptacles)

Article 660 — X-ray equipment

660.4	Connection to supply circuit
660.5	Disconnecting means

Article 700 — Emergency systems

700.26	Overcurrent protection, ground-fault protection of equipment

Common industry information

Horsepower ratings for NEMA configurations (plugs & receptacles only)

Straight blade configuration

NEMA	AC HP Rating	Rating
1-15	0.5	15A-125V
2-15	1.5*	15A-250V
2-20	2*	20A-250V
2-30	2*	30A-250V
5-15	0.5	15A-125V
5-20	1	20A-125V
5-30	2	30A-125V
5-50	2	50A-125V
6-15	1.5*	15A-250V
6-20	2*	20A-250V
6-30	2*	30A-250V
6-50	3*	50A-250V
7-15	2	15A-277V/AC Only
7-20	2	20A-277V/AC Only
7-30	3	30A-277V/AC Only
7-50	5	50A-277V/AC Only
10-20	2L-L*/1 L-N	20A-125/250V
10-30	2 L-L*/2 L-N	30A-125/250V
10-50	3 L-L*/2 L-N	50A-125/250V
11-15	2	15A-3Ø 250V
11-20	3	20A-3Ø 250V
11-30	3	30A-3Ø 250V
11-50	7.5	50A-3Ø 250V
14-15	1.5 L-L*/0.5 L-N	15A-125/250V
14-20	2 L-L*/1 L-N	20A-125/250V
14-30	2 L-L*/2 L-N	30A-125/250V
14-50	3 L-L*/2 L-N	50A-125/250V
14-60	3 L-L*/2 L-N	60A-125/250V
15-15	2	15A-3Ø 250V
15-20	3	20A-3Ø 250V
15-30	3	30A-3Ø 250V
15-50	7.5	50A-3Ø 250V
15-60	10	60A-3Ø 250V
18-15	2	15A-3ØY 120/208V
18-20	2	20A-3ØY 120/208V
18-30	3	30A-3ØY 120/208V
18-50	7.5	50A-3ØY 120/208V
18-60	7.5	60A-3ØY 120/208V

L-L denotes phase-to-phase HP rating
L-N denotes phase-to-neutral HP rating
*Suitable for 208V motor applications at HP rating

Wire & cable type abbreviations

Key

S	Service	**W**	Weather approved
J	Junior	**P**	Parallel
T	Thermoplastic/Vinyl		

Examples

SJT Hard usage thermoplastic rubber-insulated conductors and overall thermoplastic jacket. 300V up to 105°C.

SJTW Hard usage thermoplastic or rubber-insulated conductors and overall thermoplastic jacket. 300V up to 105°C. Weather resistant for outdoor use.

SPT-1 All thermoplastic construction, parallel jacketed. 300V up to 105°C, 2 or 3-conductor (18 gauge).

SPT-2 Same as SPT-1, but heavier construction (18-16 gauge).

SPT-3 Same as SPT-2, but heavier construction (18-10 gauge).

SRDT Portable range or dryer cable, 3-conductor parallel type or 4 insulated conductors, jacketed. All thermoplastic construction. 300V, maximum temperature of 60°C.

HPN Two-conductor, neoprene-insulated heater cord. Parallel construction. For use in damp locations. 300V, 90°C.

Diameter ranges of jacketed cord in accordance with standard UL62

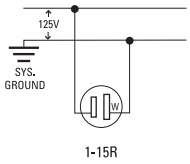
Acceptable range for overall diameter of jacketed cord

Type of cord	Avg. size	2-Conductor	3-Conductor	4-Conductor	5-Conductor
SV, SVO, SVT SVTO	18	0.22"-0.26" (5.6mm-6.6mm)	0.23"-0.27" (5.8mm-6.9mm)	—	—
SJ, SJO, SJT, SJTO	18	0.28"-0.32" (7.1mm-8.1mm)	0.30"-0.34" (7.6mm-8.6mm)	0.33"-0.37" (8.4mm-9.4mm)	—
	16	0.31"-0.34" (7.9mm-8.6mm)	0.33"-0.36" (8.4mm-9.1mm)	0.35"-0.40" (8.9mm-10.2mm)	—
	14	0.34"-0.38" (8.6mm-9.7mm)	0.36"-0.40" (9.1mm-10.2mm)	0.39"-0.44" (9.9mm-11.2mm)	—
	12	0.41"-0.46" (10.4mm-11.7mm)	0.43"-0.48" (10.9mm-12.2mm)	0.47"-0.52" (11.9mm-13.2mm)	—
	10	0.54"-0.61" (13.7mm-15.5mm)	0.57"-0.64" (14.5mm-16.3mm)	0.63"-0.70" (16.0mm-17.8mm)	—
S, SO, ST, STO	18	0.34"-0.39" (8.6mm-9.9mm)	0.36"-0.40" (9.1mm-10.2mm)	0.39"-0.43" (9.9mm-10.9mm)	0.46"-0.51" (11.7mm-13.0mm)
	16	0.37"-0.41" (9.4mm-10.4mm)	0.39"-0.43" (9.9mm-10.9mm)	0.41"-0.46" (10.4mm-11.7mm)	0.49"-0.55" (12.4mm-14.0mm)
	14	0.50"-0.55" (12.7mm-14.0mm)	0.52"-0.58" (13.2mm-14.7mm)	0.56"-0.62" (14.2mm-15.7mm)	0.63"-0.71" (16.0mm-18.0mm)
	12	0.57"-0.63" (14.5mm-16.0mm)	0.59"-0.66" (15.0mm-16.8mm)	0.64"-0.71" (16.3mm-18.0mm)	0.70"-0.77" (17.8mm-19.6mm)
	10	0.62"-0.69" (15.7mm-17.5mm)	0.65"-0.72" (16.5mm-18.3mm)	0.70"-0.78" (17.8mm-19.8mm)	0.76"-0.84" (19.3mm-21.3mm)
	8	0.78"-0.88" (19.8mm-22.4mm)	0.83"-0.93" (21.1mm-23.6mm)	0.93"-1.05" (23.6mm-26.7mm)	1.00"-1.15" (25.4mm-29.2mm)
	6	0.92"-1.05" (23.4mm-26.7mm)	0.97"-1.10" (24.6mm-27.9mm)	1.05"-1.20" (26.7mm-30.5mm)	1.18"-1.33" (30.0mm-33.8mm)
	4	1.06"-1.21" (26.9mm-30.7mm)	1.13"-1.28" (28.7mm-32.5mm)	1.25"-1.45" (31.8mm-3.8mm)	—
	2	1.21"-1.40" (30.7mm-35.6mm)	1.30"-1.50" (33.0mm-38.1mm)	1.45"-1.65" (36.8mm-41.9mm)	—

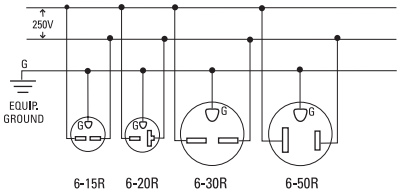
Wiring & coverage diagrams

Wiring diagrams by NEMA configurations

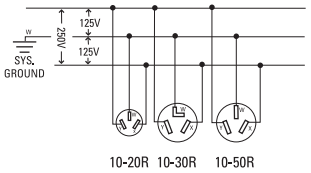
2-pole, 2-wire non-grounding: 125V



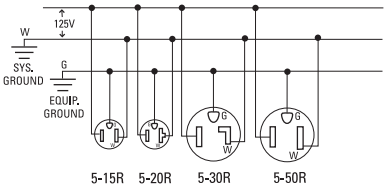
2-pole, 3-wire grounding: 250V



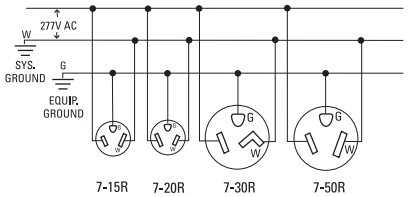
3-pole, 3-wire non-grounding: 125/250V



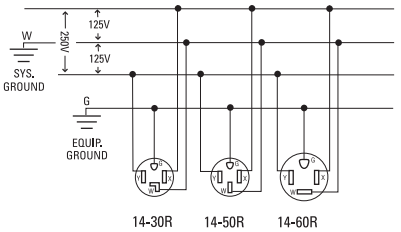
2-pole, 3-wire grounding: 125V



2-pole, 3-wire grounding: 277V AC

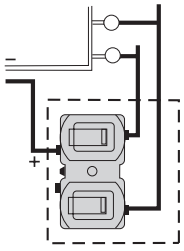


3-pole, 4-wire grounding: 125/250V

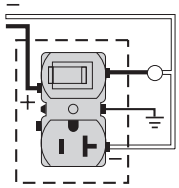


Combination devices

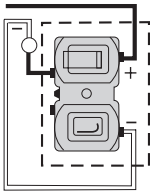
2 Single-pole switches



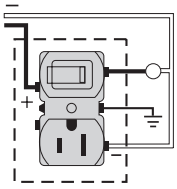
Single-pole switch and 2-pole, 3-wire 20A U grounding receptacle



Single-pole switch and neon pilot light

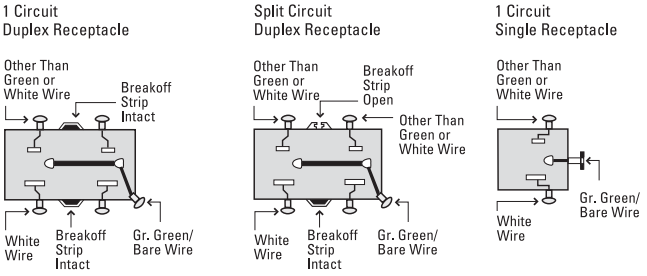


Single-pole switch and 2-pole, 3-wire U grounding receptacle

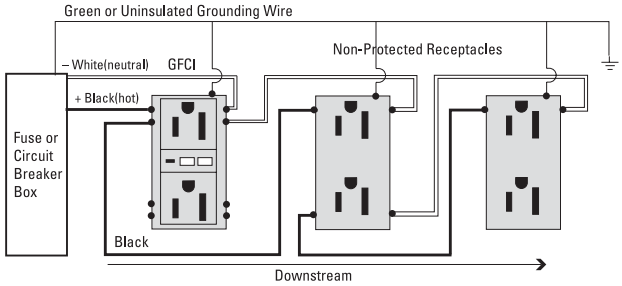


Receptacles

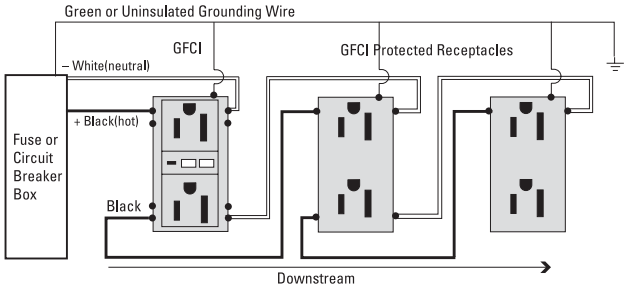
15A-125V



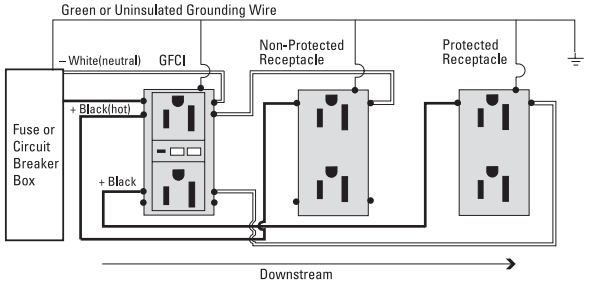
GFCI: feed-through installation with non-protected receptacles downstream



GFCI: feed-through installation with protection provided downstream

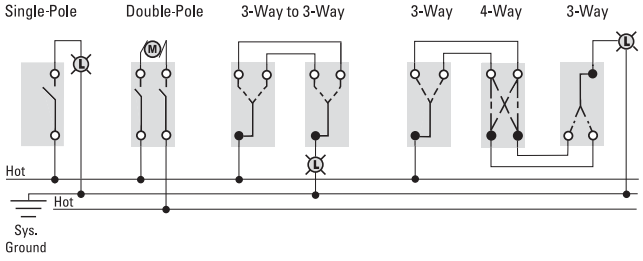


GFCI: feed-through installation with both protected and non-protected receptacles downstream

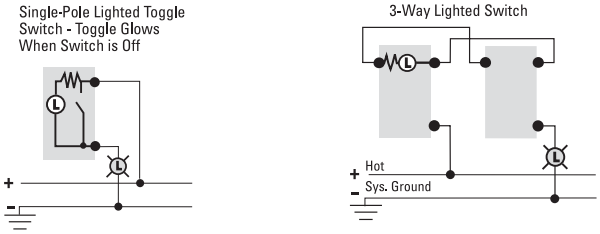


Switches

AC Switches & standard switches

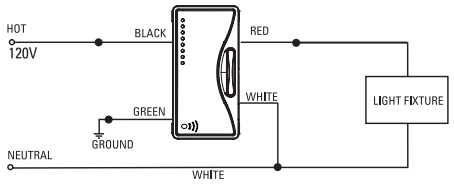


Lighted switch, single-pole and 3-way

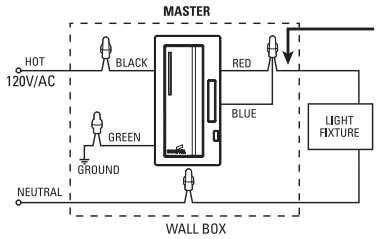


Dimmers & fan speed controls

Z-Wave wireless collection INC, MLV, ELV
Dimmer with neutral Single-pole
RF9536-N, RF9537-N (also FLR), RF9540-N (also LED, CFL, FLR)

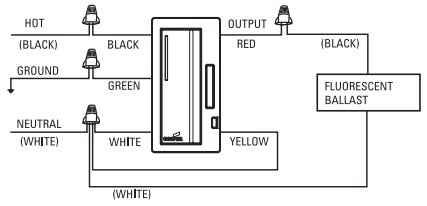


Z-Wave wireless collection, Aspire, Electronic INC, MLV, ELV
Dimmer without neutral Single-pole
RF9534, RF9536, 9534, 9536, 9537, AIM10

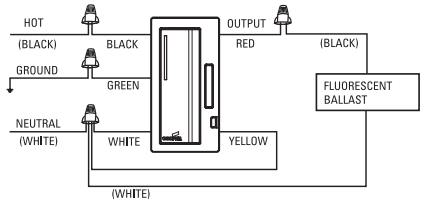


NOTE: FOR SINGLE LOCATION INSTALLATIONS THE BLUE AND RED WIRE MUST BE CONNECTED TOGETHER IN ORDER FOR THE DIMMER TO OPERATE PROPERLY. CONNECTING ONLY ONE OF THESE WIRES WILL CAUSE THE DIMMER TO NOT OPERATE AT ALL.

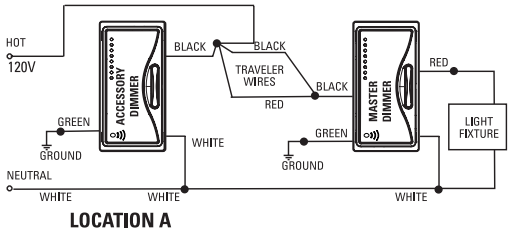
Electronic FLR
Dimmer with neutral Single-pole
AF10



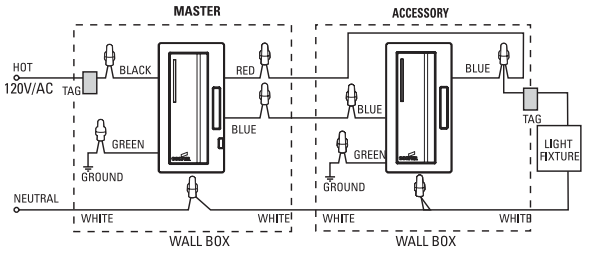
Electronic INC, MLV, ELV, FLR, LED, CFL
Dimmer with neutral Single-pole
AAL06



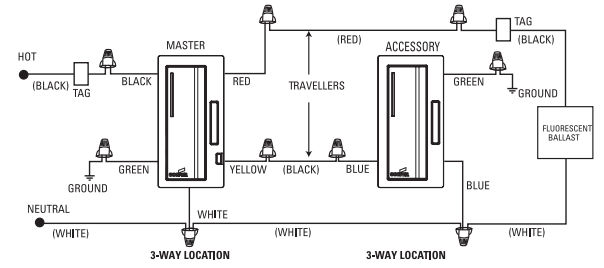
Z-Wave wireless collection INC, MLV, ELV
Dimmer with neutral Multi-location
RF9536-N, RF9537-N (also FLR), RF9542-Z, RF9540-N (also LED, CFL, FLR)



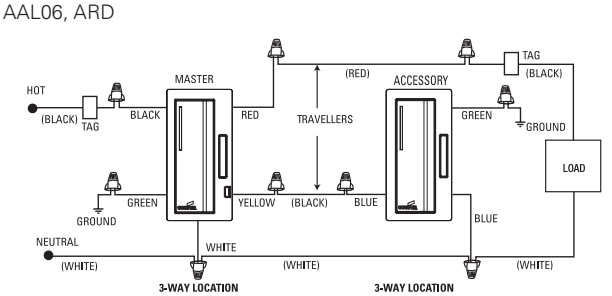
Z-Wave wireless collection, Aspire, Electronic INC, MLV, ELV
Dimmer without neutral Multi-location
RF9534, RF9536, RF9542, 9534, 9536, 9537, 9542, AIM10, ARD



Electronic FLR
Dimmer with neutral Multi-location
AF10, ARD

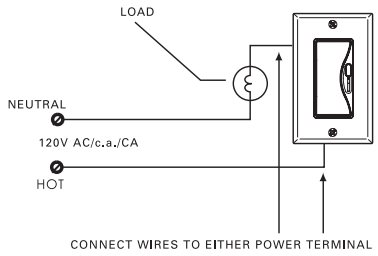


Electronic INC, MLV, ELV, FLR, LED, CFL
Dimmer with neutral Multi-location
AAL06, ARD

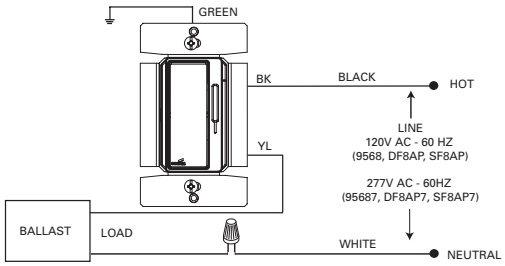


Dimmers & fan speed controls

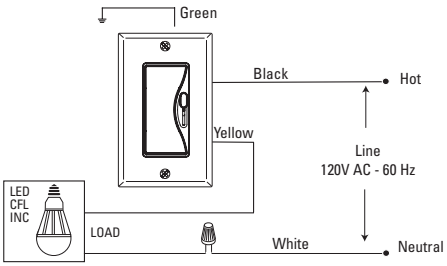
Aspire — INC, MLV, ELV
Slide dimmer — Single-pole
9530, 9531, 9532, 9533



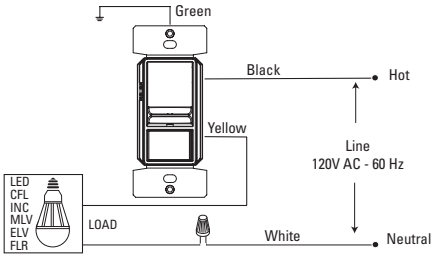
Aspire, Decorator, Slide — FLR
Slide dimmer — Single-pole
9568, 95687, DF8AP, DF8AP7, SF8AP7



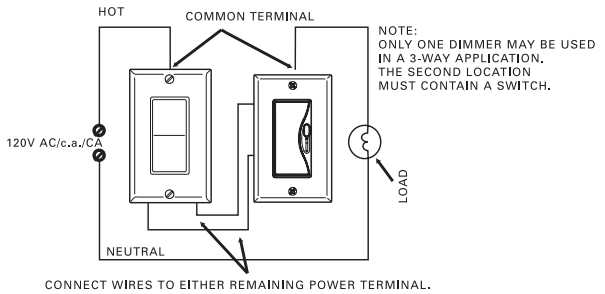
Aspire — LED, CFL, INC
Slide dimmer — Single-pole
9573



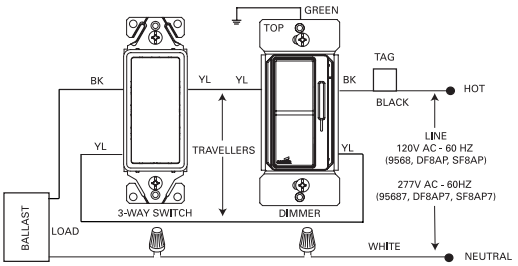
Decorator, Slide — INC, MLV, ELV, FLR, LED, CFL
Slide dimmer — Single-pole
DAL06P, SAL06P



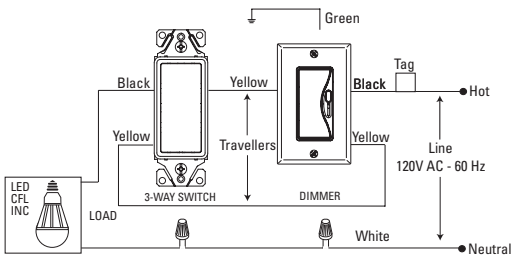
Aspire — INC, MLV, ELV
Slide dimmer — 3-way
9530, 9531, 9532, 9533



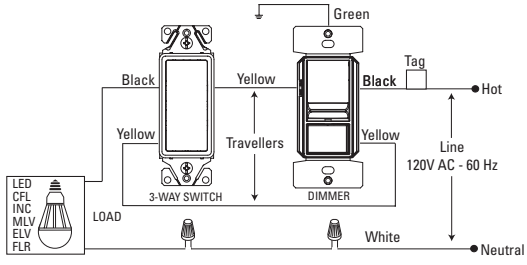
Aspire, Decorator, Slide — FLR
Slide dimmer — 3-way
9568, 95687, DF8AP, DF8AP7, SF8AP7



Aspire — LED, CFL, INC
Slide dimmer — 3-way
9573

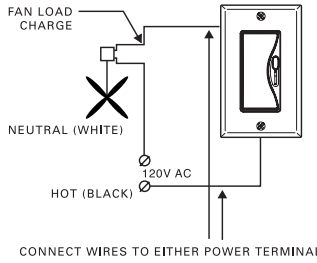


Decorator, Slide — INC, MLV, ELV, FLR, LED, CFL
Slide dimmer — 3-way
DAL06P, SAL06P

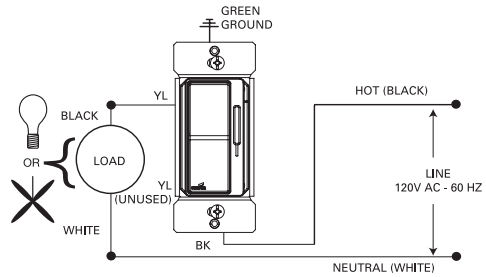


Dimmers & fan speed controls

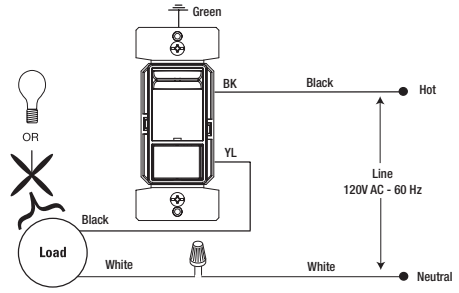
Aspire — 3 speed & fully variable
Slide fan — Single-pole
9544, 9543



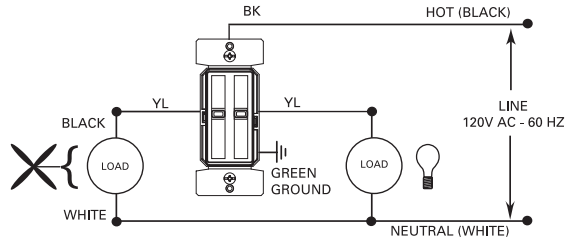
Decorator — INC, MLV
Dimmer & fan — Single-pole
DI10P, DFS15P



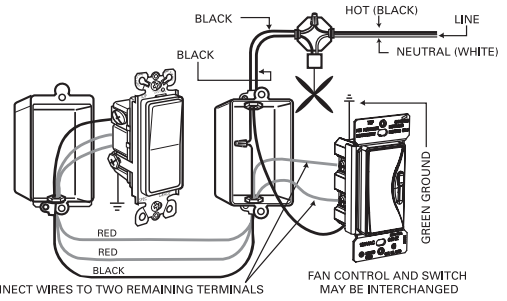
Slide — INC, MLV
Dimmer & fan — Single-pole
SI061, SI10P, SFS15P, SFS5P, SFS5



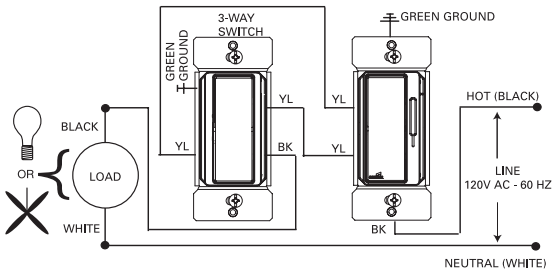
Slide — 3 speed, INC
Slide fan/dimmer — Single-pole
SDC15



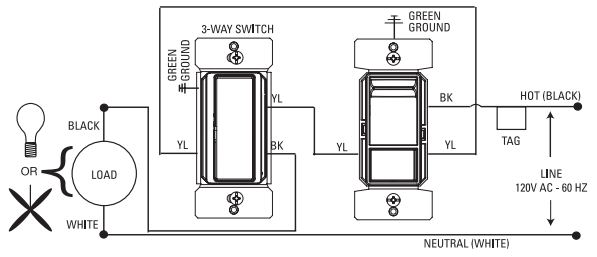
Aspire — 3 speed & fully variable
Slide fan — 3-way
9544, 9543



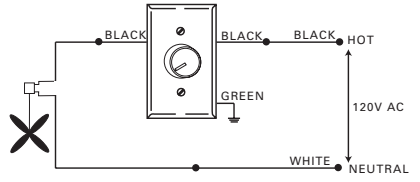
Decorator — INC, MLV
Dimmer & fan — 3-way
DI10P, DFS15P



Slide — INC, MLV
Dimmer & fan — 3-way
SI10P, SFS15P, SFS5P, SFS5

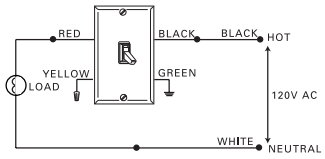


Toggle, Rotary — Fully variable
Toggle & rotary fan — Single-pole
TFS5, RFS5, RFS15

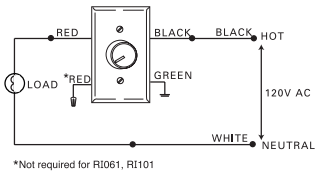


Dimmers & fan speed controls

Toggle — INC
Toggle dimmer — Single-pole
TI061, TI061L, TI3101, TI3101L

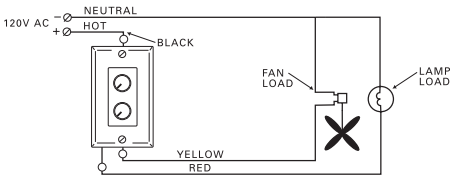


Rotary — INC
Rotary dimmer — Single-pole
RI061, RI101, RI06P, RI06PL

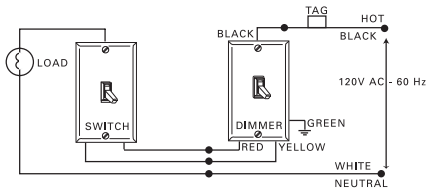


*Not required for RI061, RI101

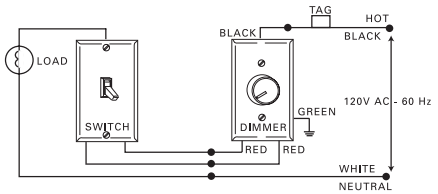
Rotary — 4 Speed/INC & Fully Variable/INC
Rotary fan/dimmer — Single-pole
RDC15, RDC25



Toggle — INC
Toggle dimmer — 3-way
TI061, TI061L, TI3101, TI3101L

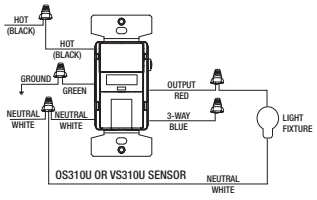


Rotary — INC
Rotary dimmer — 3-way
RI06P, RI06PL

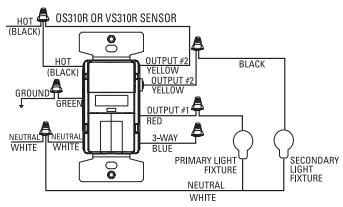


Occupancy & vacancy sensors

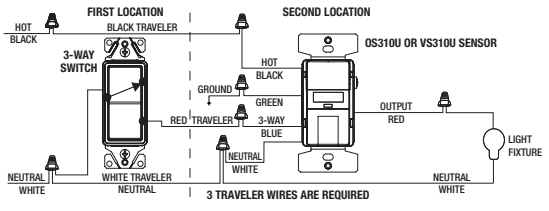
Sensor switch — All load types
OS310U, VS310U — Single-pole



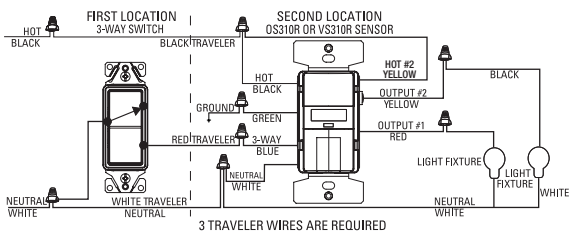
Dual switch — All load types
OS310R, VS310R — Single-pole



Sensor switch — All load types
OS310U, VS310U — 3-way



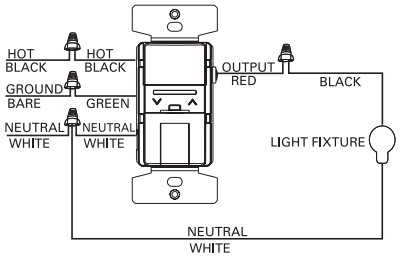
Dual switch — All load types
OS310R, VS310R — 3-way



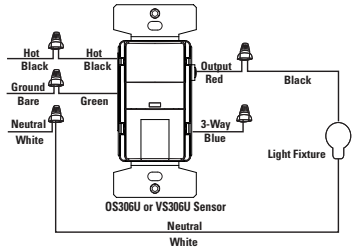
Wiring & coverage diagrams

Occupancy & vacancy sensors

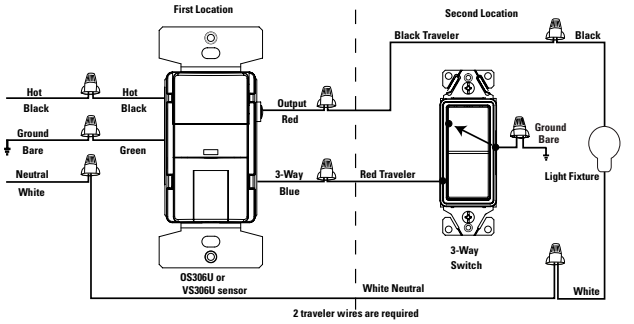
Sensor dimmer — INC, MLV
OS106D1, VS106D1 — Single-pole



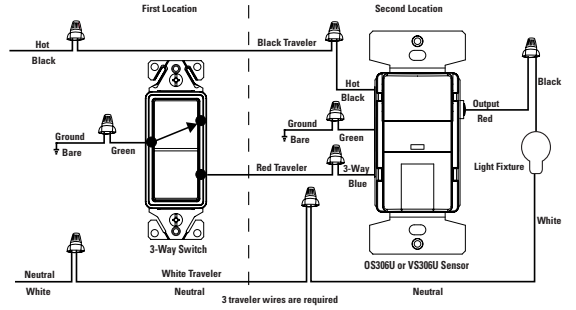
Standard sensor — INC, MLV, ELV, FLR, LED, CFL
OS306U, VS306U — Single-pole



Standard sensor — INC, MLV, ELV, FLR, LED, CFL
OS306U, VS306U — 3-Way with sensor in location with hot wire

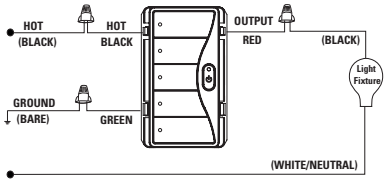


Standard sensor — INC, MLV, ELV, FLR, LED, CFL
OS306U, VS306U — 3-Way with switch in location with hot wire



Timers

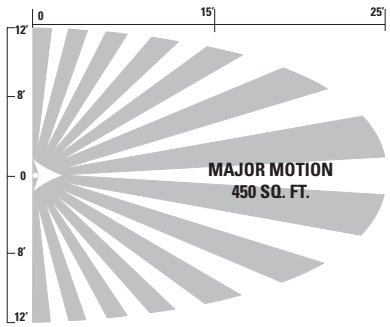
Aspire, Electronic — INC, MLV, ELV, FLR, LED, CFL
Timers — Single-pole
9590, 9591, PT18M, PT18H



Occupancy & vacancy sensor coverage areas

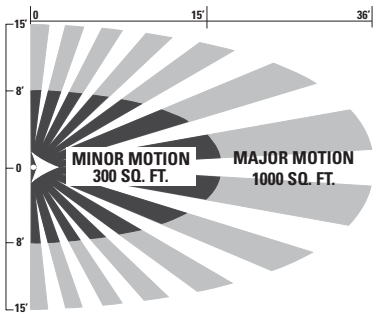
Standard series All load types

Sensor: OS306U, VS306U



Sensor switch All load types

OS310U, VS310U, OS310R, VS310R, OS106D1, VS106D1



Lighting control basics

Matching the dimmer to the load

A large selection of lighting sources are available in today's lighting environment. These sources have specific individual characteristics which require mating a particular dimmer for each load type (source). For proper use it is important to pick a dimmer that is designed and UL tested for that specific lighting load type.

Incandescent/halogen

Line-voltage tungsten filament lamps, including line-voltage (120V) halogen lamps
Electrical characteristic: resistive
Special requirements: rated for cold filament inrush.

Magnetic Low-Voltage (MLV)

Magnetic transformer-supplied low-voltage lighting (6 volt, 12 volt, or 24 volt)
Electrical characteristic: inductive
Special requirements: symmetric cycles (VDC ≤ 2), smooth turn off
Include transformer losses when calculating the load.

Electronic Low-Voltage (ELV)

Electronic (solid-state) transformer-supplied low-voltage lighting
Electrical characteristic: capacitive
Special characteristic: very smooth turn on.
Neutral wire connection required.

Fluorescent (FLR)

Electronic fluorescent dimming ballast
Special dimmers are designed and UL listed to send power and control signals to each type of electronic fluorescent dimming ballast.

Light Emitting Diode (LED)

Electronic LED driver special dimmers are designed to send power and control signals to each type of electronic LED drive.
Special requirements: LED light source must be properly matched to LED driver, and LED driver must meet control spec for control type.

Fan controls

There are two styles of fan control. Select the one that is right for your application:

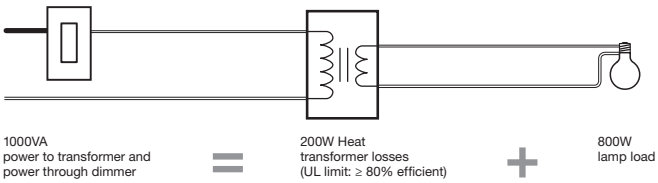
Fully variable
- Fully variable fan speed
- Used for controlling one or more ceiling fan(s) or exhaust fan(s)

Quiet 3-speed
- Three speeds plus off
- Will not cause fan motor hum
- Used for controlling one ceiling fan only

Consult with Eaton's Wiring Devices for driver compatibility:

Magnetic low-voltage dimmer ratings

The stated VA (volt-ampere) rating is the rated capacity of the dimmer which includes the magnetic transformer heat losses and the lamp load. A CORE™ SAVANT dimmer UL listed for 1000VA can be loaded with a full 1000VA of lamp load. A transformer dissipates up to 20% of the connected load as heat. Better transformers dissipate less than 10% as heat. Added together, the lamp load and the transformer loss determine the dimmer capacity required. See the example below.



Electronic low-voltage dimmer ratings

Electronic Low-Voltage transformers do dissipate some heat. These inefficiencies are small enough to be accounted for in the dimmer rating. A CORE dimmer UL listed for 600W can be loaded with a full 600W of lamp load. If ganged with other dimmers, standard derating rules apply.

Heat dissipation

During normal operation, dimmers will get warm to the touch. Wallbox dimmer efficiency is typically around 99%; the remaining 1% is dissipated as heat. Therefore, a 600W load on a 600W dimmer would produce around 6 watts of heat. Operating on its rated load, CORE dimmers will stay below the UL limits of 140°F (60° C). Use screwless wallplates to avoid contact with metal screws that may feel warm to the touch.

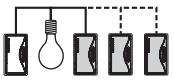
Single-Pole

Single-pole dimmers provide control from one location.

3-way/4-way

3-Way dimmers adjust the light level from one location. When used with 3-way and 4-way switches, the lights can be turned on to the dimmer
level or off from many locations.

Multi-location

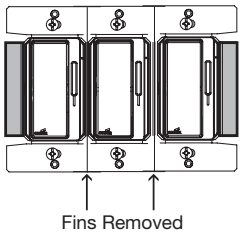


Multi-location dimmers can be used with dimmers for full dimming control of the lights from two or more locations.

Ganging and Derating Dimmers

A typical dimmer is wider than a switch. This increased size helps the dimmer dissipate internal heat which is normal to operation.

Dimmers can be ganged together such that the space is the same as for switches. A portion of the fins (heat sink) must be removed. The fins are grooved to make the removal of fins easy with a pair of pliers. The removal of these fins reduces the wattage capacity (load) the dimmer can control. Derating information is provided in the "CORE Derating Chart". The dimmer can be loaded with the full derated capacity indicated.



Dimmer derating chart

Dimmers	Single-gang	Double-gang	Triple-gang or more
Toggle			
Incandescent	600W	600W	600W
Incandescent	1000W	900W	800W
Fully variable fan	5A	5A	5A
Rotary			
Incandescent	600W	600W	600W
Incandescent	1000W	900W	800W
Dual 4-speed/dimmer	2.5A / 300W	2.5A / 300W	2.5A / 300W
Dual 4-speed/dimmer	1.5A / 300W	1.5A / 300W	1.5A / 300W
3-Speed fan	1.5A	1.5A	1.5A
Fully variable fan	5A	5A	5A
Toggle w/preset			
Incandescent	600W	600W	600W
Magnetic low-voltage	600VA	600VA	600VA
Fluorescent	Refer to Spec sheet for more information		
Electronic low-voltage	600W	600W	600W
LED/CFL	300W	300W	300W
Slide			
Incandescent	600W	500W	500W
Incandescent	1000W	850W	650W
Magnetic low-voltage	600VA	500VA	500VA
Magnetic low-voltage	1000VA	850VA	650VA
Fluorescent	8.3A	6.6A	5.4A
Dual 3-speed/dimmer	1.5A / 300W	1.5A / 300W	1.5A / 300W
3-Speed fan	1.5A	1.5A	1.5A
Fully variable fan	5A	5A	5A
LED/CFL	300W	300W	300W
Decorator			
Incandescent	600W	500W	500W
Incandescent	1000W	800W	650W
Magnetic low-voltage	600VA	500VA	500VA
Magnetic low-voltage	1000VA	800VA	650VA
Electronic low-voltage	600VA	600VA	600VA
Fluorescent	8.3A	6.6A	5.4A
3-Speed fan	1.5A	1.5A	1.5A
LED/CFL	300W	300W	300W

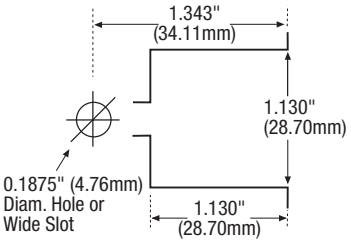
Dimmers	Single-gang	Double-gang	Triple-gang or more
Electronic			
Incandescent	1000W	800W	800W
Magnetic low-voltage	1000VA	800VA	800VA
Fluorescent	8.3A	6.6A	6.6A
Electronic			
Incandescent	600W	550W	500W
Magnetic low-voltage	600W	550W	500W
Fluorescent	Refer to Spec sheet for more information		
LED/CFL	300W	300W	300W
Aspire slide			
Incandescent	600W	600W	600W
Incandescent	1000W	900W	800W
Magnetic low-voltage	600VA	600VA	600VA
Magnetic low-voltage	1000VA	900VA	800VA
Electronic low-voltage	600VA	600VA	600VA
Electronic low-voltage	1000VA	900VA	800VA
Fluorescent	8.3A	6.6A	5.4A
3-Speed fan	1.5A	1.5A	1.5A
Fully variable fan	5A	5A	5A
Aspire			
Incandescent	600W	600W	500W
Incandescent	1000W	800W	700W
Magnetic low-voltage	600VA	600VA	500VA
Magnetic low-voltage	1000VA	800VA	700VA
Electronic low-voltage	600VA	600VA	500VA
Electronic low-voltage	1000VA	800VA	700VA
Fluorescent	8.3A	6.6A	6.6A
Z-Wave wireless collection			
Incandescent	600W	600W	600W
Incandescent	1000W	800W	800W
Incandescent (no neutral)	600W	600W	600W
Incandescent (no neutral)	1000W	800W	800W
Magnetic low-voltage	600VA	600VA	600VA
Magnetic low-voltage	1000VA	800VA	800VA
Electronic low-voltage	600VA	600VA	600VA
Electronic low-voltage	1000VA	800VA	800VA
Fluorescent	1000VA	800VA	800VA
LED/CFL	300W	300W	300W
Dimming sensors			
Incandescent	600W	600W	600W
Magnetic low-voltage	600VA	600VA	600VA

Panel cutout dimensional data

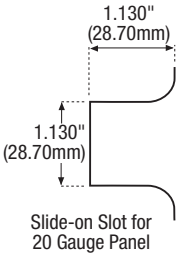
Fluorescent lampholder panel cutout dimensional data

Panel cutouts

2500, 2501, 2503, 2504

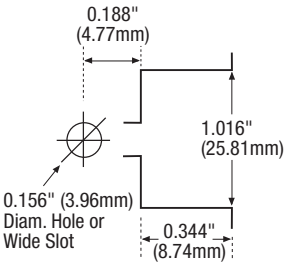


2505, 2506

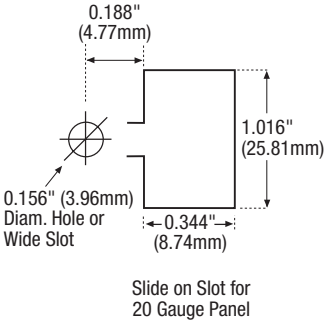


Panel cutouts

2509, 2510



924



NAFTA compliant

NAFTA compliant products meet specifications at time of print. Product listing subject to change.

Buy American Provision, American Recovery and Reinvestment Act (ARRA) (Section 1605)

ARRA Section 1605 establishes requirements for federal government projects funded with stimulus monies: "None of the funds appropriated or otherwise made available by [the ARRA] may be used for a project for the construction, alteration, maintenance, or repair of a public building or public work unless all of the iron, steel, and manufactured goods used in the project are produced in the United States." Iron and steel used as components or subcomponents of other manufactured construction materials do not need to be produced in the United States. There is no requirement that components and subcomponents be U.S.-origin provided the manufactured construction material is "produced in the United States." (FAR 25.001(c)(4)) Section 1605 does not contain a domestic cost requirement. However, the government has not defined "produced" for purposes of the ARRA Buy American provision. Many commentators have adopted the "substantial transformation" test to determine whether a manufactured article is "produced" in the United States for purposes of Section 1605. Section 1605 contains a requirement that the Buy American provision be applied in a manner consistent with U.S. obligations under international agreements. As a result, national treatment is extended to products from countries with which the United States has entered a free trade agreement (e.g., Canada, Mexico, Bahrain, Chile, etc.) and to products from countries that have signed the WTO Government Procurement Agreement. National treatment is also extended to least developed countries (LDCs) (e.g., Bhutan, Mali, Zambia, etc.) but not to Caribbean basin countries (e.g., Belize, Haiti, Bahamas, etc.). Products that are identified as NAFTA compliant may qualify under the Buy American Act or ARRA program guidelines. Consult specific project guidelines and compliance requirements to assure suitability for your project needs.

Buy American Act (US Code, Title 41, Section 10 (a-d))
The Buy American Act (often BAA, not to be confused with the Buy America (no "n") Act) applies to all U.S. federal government agency purchases of goods over certain contract thresholds. The BAA restricts purchases of supplies and construction materials to domestic products, unless an exception or waiver applies. Unmanufactured products must be mined or produced in the United States. There is a two-part test for manufactured articles: (1) article must be manufactured in the United States, and (2) cost of U.S. components must exceed 50% of the cost of all components in the item. Note: this calculation does not include labor and overhead for final assembly in the United States. The component cost test is waived for commercial-off-the-shelf (COTS) items. (FAR 25.001(c)(1). BAA waivers may be available, often at the discretion of the contracting officer.

Restriction of the use of certain hazardous substances (RoHS)
Parts are manufactured and designed in accordance with article 4 of the European Union's RoHS2 directive 2011/65/EU

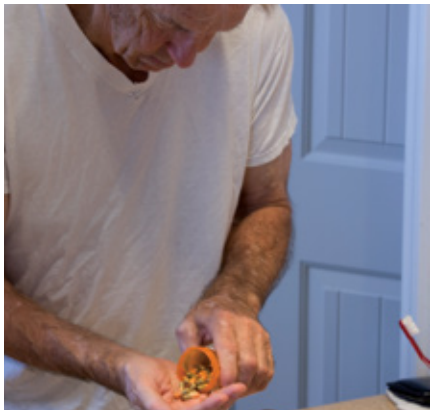
Today's home

Whether a home's style is traditional, modern, casual, cozy or rustic, it will demand more from wiring devices than in years past. Eaton's Wiring Devices is dedicated to providing the up-to-date wiring device solutions that today's homes need.

2010 Southern Living Idea House, Abercorn Place, featuring Aspire wiring devices

Advanced energy saving solutions

From multiple functionality occupancy and vacancy sensors to wireless RF controls, smart dimmers and timers, Eaton's Wiring Devices offers advanced technology energy-saving devices to address "green" initiatives.



Functional safety & comfort solutions

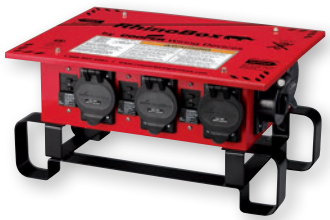
From children to aging baby boomers keeping their independence, providing built-in low-level area lighting is an important issue today—one easily solved by using multifunctional nightlight devices.

Child safety tamper resistant solutions

Tamper resistant receptacles not only provide code compliance, but they also help keep curious children safe by delivering automatic, continual protection from electrical injury as a result of inserting foreign objects.

Arrow Hart

A distinguished heritage of industrial & commercial solutions



Leadership and innovation have been the foundation of our company for over 120 years. We are continuing to set new industry standards for delivering high performance and expertly-designed wiring devices that provide solutions for virtually every industrial and commercial need.

No other manufacturer can boast the range and diversity of wiring device products we have available: a solid portfolio of quality devices covering a diverse range of specification and hospital grade wiring device solutions for industrial, institutional and commercial applications.

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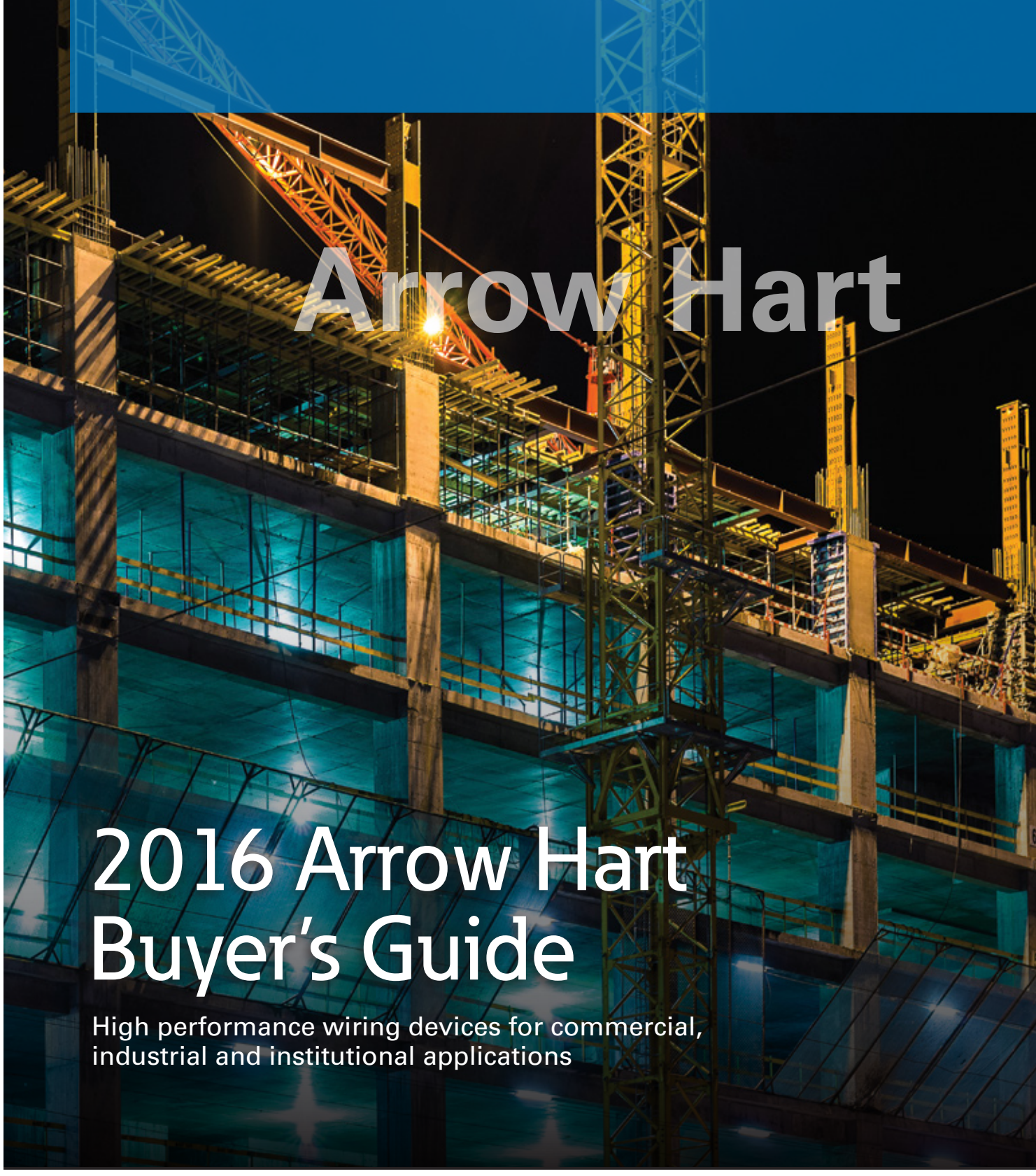

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High performance wiring devices for commercial, industrial and institutional applications

EATON

Powering Business Worldwide

Energizing a world that demands more.

We deliver:

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- **Hydraulic and electrical solutions** that enable machines to deliver more productivity without wasting power
- **Aerospace solutions** that make aircraft lighter, safer and less costly to operate, and help airports operate more efficiently
- **Vehicle drivetrain and powertrain solutions** that deliver more power to cars, trucks and buses, while reducing fuel consumption and emissions

Discover today's Eaton.

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Eaton's innovative technologies help customers manage electrical, hydraulic and mechanical power more reliably, efficiently, safely and sustainably.

We provide integrated solutions that help make energy, in all its forms, more practical and accessible.

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Powering Business Worldwide

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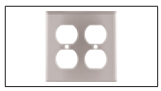

Section K
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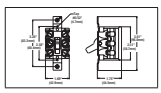

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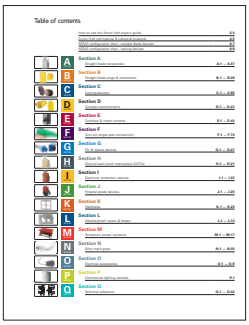
How to use the buyer's guide

Arrow Hart buyer's guide

Arrow Hart buyer's guide has been developed with you in mind! Whether you're a contractor, specifier, distributor sales person or purchasing agent, we've developed this guide to speed your access to all of the product and technical data you need quickly and efficiently

The following timesaving features have been included inside this guide:



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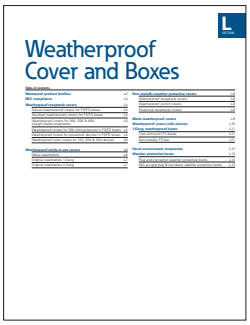
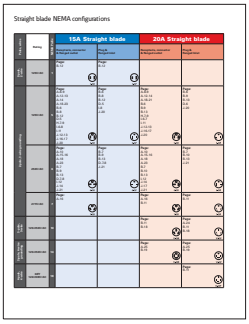
A sectional breakdown of the buyer's guide showing order and representative product is highlighted by color so you can quickly flip through the guide to the right section.



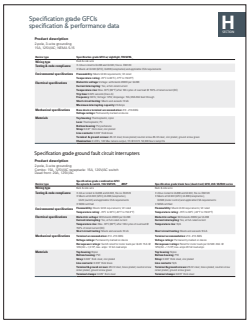
Section index

At the front of each section is an index that helps you quickly find the product locations in the catalog. Sections are divided and bolded into logical electrical groupings with sub categories clearly identified to take you to just the right spot in the catalog.



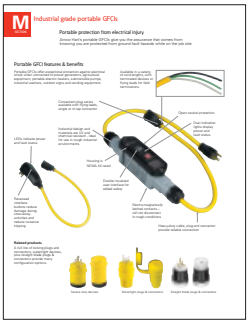
NEMA chart index

Located on page 6-9 and in the Technical Reference (Section Q), the NEMA chart allows you to search and identify your product need by applicable NEMA type.



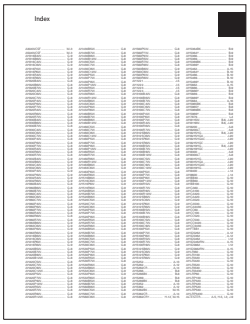
Specification information

On the bottom of each ordering information page you'll see a note directing you to a page with a full specification chart that shows all pertinent product data.



Feature products

Feature product pages can be found, throughout the buyer's guide that provide additional information on specific features and benefits of Arrow Hart products.

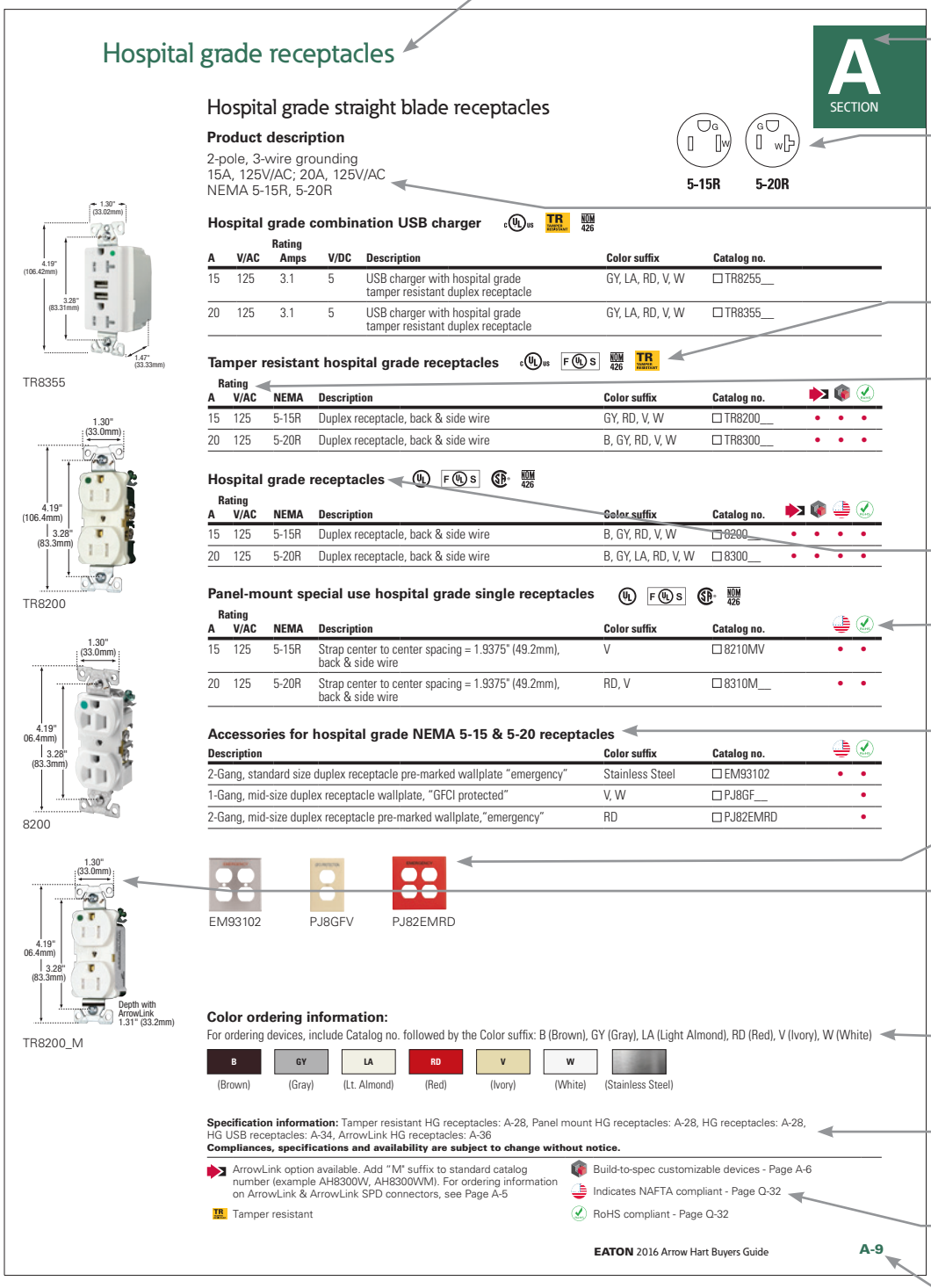


Alphanumeric index

Located at the back of the buyer's guide, the alphanumeric index allows you to quickly locate the specific catalog item page number.

How to use the buyer's guide

Buyer's guide page usage



Products that are identified as NAFTA compliant may qualify under the Buy American Act or ARRA program guidelines. Consult specific project guidelines and compliance requirements to assure suitability for your project needs. See page Q-32 for more information.

We are committed to an ongoing program of product innovation, development and improvement. Therefore, data in this catalog, including product availability, specifications and compliances are subject to change without notice.

Arrow Hart commercial products

Performance longevity reliability

Arrow Hart's commercial product offerings have been developed to the highest standards and are engineered with unique features that can help reduce installation time, improve safety and provide years of high performance under constant use

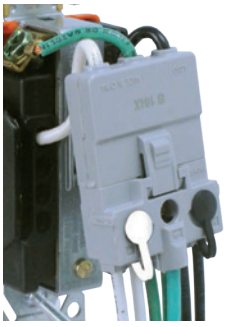
Specification grade receptacles

Electronic protection devices

Hospital grade devices

LED accent lights

GFCI receptacles



ArrowLink modular devices

Specification grade switches

Wallplates

Arrow Hart industrial products

Tough environments demand products that can stand up & deliver

Arrow Hart's industrial products are designed to provide workhorse performance in the most abusive of manufacturing environments to reduce downtime, improve safety and increase employee productivity

Watertight plugs, connectors & receptacles

Straight blade plugs, connectors & receptacles

Arrow Hart plugs, connectors & receptacles

IEC pin and sleeve devices

Manual motor controllers

Temporary power solutions

Industrial switches

Wire mesh grips

Cam-lok single pole connectivity

Wallplates & covers

Straight blade NEMA configurations

Poles, wires	Rating	NEMA Prefix	15A Straight blade		20A Straight blade	
			Receptacle, connector & flanged outlet	Plug & flanged inlet	Receptacle, connector & flanged outlet	Plug & flanged Inlet
2-pole, 2-wire	125V/AC	1	**Page:** B-12 1-15R	**Page:** B-12 1-15P		
2-pole, 3-wire grounding	125V/AC	5	**Page:** A-8-9 A-12-13 A-14 A-18-23 B-6 B-8 B-12 D-5 H-7-9 I-6-8 I-11 J-12-13 J-16-17 J-20 5-15R	**Page:** B-6 B-8 B-12 D-5 I-8 J-20 5-15P	**Page:** A-8-9 A-12-14 A-18-21 B-6 B-9 B-13 H-7-9 I-6-7 I-11 J-12-13 J-16-17 J-20 5-20R	**Page:** B-6 B-9 B-13 D-6 J-20 5-20P
	250V/AC	6	**Page:** A-10 A-15-16 A-18 A-23 B-7 B-9 B-13 D-7-8 I-12 J-14 J-21 6-15R	**Page:** B-7 B-9 B-13 D-7-8 J-21 6-15P	**Page:** A-10 A-15-16 A-18 A-23 B-7 B-10 B-13 I-12 J-14 J-17 J-21 6-20R	**Page:** B-7 B-10 B-13 J-21 6-20P
	277V/AC	7	**Page:** A-16 7-15R		**Page:** A-16 B-11 7-20R	**Page:** B-11 7-20P
3-pole, 3-wire	125/250V/AC	10			**Page:** B-11 B-18 10-20R	**Page:** A-24 B-11 B-18 10-20P
3-pole, 4-wire grounding	125/250V/AC	14			**Page:** A-25 B-19 14-20R	**Page:** A-25 B-19 14-20P
4-pole, 4-wire	3ØY 120/208V/AC	18				**Page:** B-11 18-20P

Compliances, specifications and availability are subject to change without notice.

Straight blade NEMA configurations

Poles, wires	Rating	NEMA Prefix	30A Straight blade		50A Straight blade		60A Straight blade	
			Receptacle, connector & flanged outlet	Plug & flanged inlet	Receptacle, connector & flanged outlet	Plug & flanged inlet	Receptacle, connector & flanged outlet	Plug & flanged inlet
2-pole, 3-wire grounding	125V/AC	5	**Page:** A-24 B-18 5-30R	**Page:** A-24 B-18 5-30P	**Page:** A-24 B-18 5-50R	**Page:** A-24 B-18 5-50P		
	250V/AC	6	**Page:** A-24 B-18 6-30R	**Page:** A-24 B-18 6-30P	**Page:** A-24 B-18 6-50R	**Page:** A-24 B-18 6-50P		
	277V/AC	7	**Page:** A-24 B-18 7-30R	**Page:** A-24 B-18 7-30P	**Page:** A-24 B-18 7-50R	**Page:** A-24 B-18 7-50P		
3-pole, 3-wire	125/250V/AC	10	**Page:** A-24–A-25 B-18–B-19 10-30R	**Page:** A-24–A-25 B-18–B-19 10-30P	**Page:** A-24–A-25 B-18–B-19 10-50R	**Page:** A-24–A-25 B-18–B-19 10-50P		
3-pole, 4-wire grounding	125/250V/AC	14	**Page:** A-24–A-25 B-18–B-19 14-30R	**Page:** A-24–A-25 B-18–B-19 14-30P	**Page:** A-24–A-25 B-18–B-19 14-50R	**Page:** A-24–A-25 B-18–B-19 14-50P	**Page:** A-25 B-19 14-60R	**Page:** A-25 B-19 14-60P
	3Ø 250V/AC	15	**Page:** A-24–A-25 B-18–B-19 15-30R	**Page:** A-24–A-25 B-18–B-19 15-30P	**Page:** A-25 B-19 15-50R	**Page:** A-25 B-19 15-50P	**Page:** A-25 B-19 15-60R	**Page:** A-25 B-19 15-60P
4-pole, 4-wire	3ØY 120/208V/AC	18	**Page:** A-25 B-19 18-30R	**Page:** A-25 B-19 18-30P	**Page:** A-25 B-19 18-50R	**Page:** A-25 B-19 18-50P	**Page:** A-25 B-19 18-60R	**Page:** A-25 B-19 18-60P

Compliances, specifications and availability are subject to change without notice.

Locking NEMA configurations

Poles, wires	Rating	NEMA Prefix	15A Locking		20A Locking		30A Locking	
			Receptacle, connector & flanged outlet	Plug & flanged inlet	Receptacle, connector & flanged outlet	Plug & flanged inlet	Receptacle, connector, & flanged outlet	Plug & flanged inlet
2-pole, 2-wire	125V/AC	ML1	Page: C-52 ML1R	Page: C-52 ML1P				
	125V/AC	L1	Page: C-5 L1-15R	Page: C-5 L1-15P				
	250V/AC	L2			Page: C-6 L2-20R	Page: C-6 L2-20P		
2-pole, 3-wire grounding	125V/AC	ML2	Page: C-52 ML2R	Page: C-52 ML2P				
	125V/AC	L5	Page: C-7 D-13 I-14 L5-15R	Page: C-7 D-13 L5-15P	Page: C-10 D-14 I-14 L5-20R	Page: C-10 D-14 L5-20P	Page: C-15 D-16 I-16 L5-30R	Page: C-15 D-16 I-16 L5-30P
	250V/AC	L6	Page: C-8 D-13 I-14 L6-15R	Page: C-8 D-13 L6-15P	Page: C-11 D-15 I-15 L6-20R	Page: C-11 D-15 L6-20P	Page: C-16 D-17 I-16 L6-30R	Page: C-16 D-17 L6-30P
	277V/AC	L7	Page: C-9 D-14 L7-15R	Page: C-9 D-14 L7-15P	Page: C-12 D-15 I-15 L7-20R	Page: C-12 D-15 L7-20P	Page: C-17 D-17 I-16 L7-30R	Page: C-17 D-17 L7-30P
	480V/AC	L8			Page: C-13 D-16 I-15 L8-20R	Page: C-13 D-16 L8-20P	Page: C-18 D-18 I-17 L8-30R	Page: C-18 D-18 L8-30P
	600V/AC	L9			Page: C-14 L9-20R	Page: C-14 L9-20P	Page: C-19 L9-30R	Page: C-19 L9-30P
3-pole, 3-wire	125/250V/AC	ML3	Page: C-53 ML3R	Page: C-53 ML3P				
	125/250V/AC	L10			Page: C-22 D-19 L10-20R	Page: C-22 D-19 L10-20P	Page: C-26 D-20 L10-30R	Page: C-26 D-20 L10-30P
	3Ø 250V/AC	L11			Page: C-23 D-19 L11-20R	Page: C-23 D-19 L11-20P	Page: C-27 D-21 L11-30R	Page: C-27 D-21 L11-30P
	3Ø 480V/AC	L12			Page: C-24 L12-20R	Page: C-24 L12-20P	Page: C-28 L12-30R	Page: C-28 L12-30P
	3Ø 600V/AC	L13					Page: C-29 L13-30R	Page: C-29 L13-30P

Compliances, specifications and availability are subject to change without notice.

Locking NEMA configurations

Poles, wires	Rating	NEMA Prefix	20A Locking		30A Locking	
			Receptacle, connector & flanged outlet	Plug & flanged inlet	Receptacle, connector, & flanged outlet	Plug & flanged inlet
3-pole, 4-wire grounding	125/250V/AC	L14	**Page:** C-30 D-21 I-17 L14-20R	**Page:** C-30 D-21 L14-20P	**Page:** C-33 D-23 I-18 L14-30R	**Page:** C-33 D-23 L14-30P
	3Ø 250V/AC	L15	**Page:** C-31 D-22 I-17 L15-20R	**Page:** C-31 D-22 L15-20P	**Page:** C-34 D-23 I-18 L15-30R	**Page:** C-34 D-23 L15-30P
	3Ø 480V/AC	L16	**Page:** C-32 D-22 I-18 L16-20R	**Page:** C-32 D-22 L16-20P	**Page:** C-35 D-24 L16-30R	**Page:** C-35 D-24 L16-30P
	3Ø 600V/AC	L17			**Page:** C-36 D-24 L17-30R	**Page:** C-36 D-24 L17-30P
4-pole, 4-wire	3ØY 120/208V/AC	L18	**Page:** C-38 D-25 L18-20R	**Page:** C-38 D-25 L18-20P	**Page:** C-42 D-27 L18-30R	**Page:** C-42 D-27 L18-30P
	3ØY 277/480V/AC	L19	**Page:** C-39 D-26 L19-20R	**Page:** C-39 D-26 L19-20P	**Page:** C-43 D-28 L19-30R	**Page:** C-43 D-28 L19-30P
	3ØY 347/600V/AC	L20	**Page:** C-40 D-26 L20-20R	**Page:** C-40 D-26 L20-20P	**Page:** C-44 D-28 L20-30R	**Page:** C-44 D-28 L20-30P
4-pole, 5-wire grounding	3ØY 120/208V/AC	L21	**Page:** C-46 D-29 I-19 L21-20R	**Page:** C-46 D-29 L21-20P	**Page:** C-49 D-30 I-19 L21-30R	**Page:** C-49 D-30 L21-30P
	3ØY 277/480V/AC	L22	**Page:** C-47 D-29 L22-20R	**Page:** C-47 D-29 L22-20P	**Page:** C-50 D-31 I-19 L22-30R	**Page:** C-50 D-31 L22-30P
	3ØY 347/600V/AC	L23	**Page:** C-48 D-30 L23-20R	**Page:** C-48 D-30 L23-20P	**Page:** C-51 D-31 I-19 L23-30R	**Page:** C-51 D-31 L23-30P

Compliances, specifications and availability are subject to change without notice.

SECTION

A

Straight Blade Receptacles

Table of contents

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Straight blade specifiers' chart A-3
ArrowLink modular connectors A-4
Tamper-resistant & weather resistant A-6
Build-to-spec A-6
Hospital grade receptacles A-7

2-pole, 3-wire	Rating	
15A, 125V/AC	NEMA 5-15	A-8, A-9
20A, 125V/AC	NEMA 5-20	A-8, A-9
15A, 250V/AC	NEMA 6-15	A-10
20A, 250V/AC	NEMA 6-20	A-10

Industrial grade receptacles A-11

2-pole, 3-wire	Rating	
15A, 125V/AC	NEMA 5-15	A-12–A-14
20A, 125V/AC	NEMA 5-20	A-12–A-14
15A, 250V/AC	NEMA 6-15	A-15, A-16
20A, 250V/AC	NEMA 6-20	A-15, A-16
15A, 277V/AC	NEMA 7-15	A-16
20A, 277V/AC	NEMA 7-20	A-16

Construction grade receptacles A-17

2-pole, 3-wire	Rating	
15A, 125V/AC	NEMA 5-15	A-18
20A, 125V/AC	NEMA 5-20	A-18

Commercial grade receptacles A-19

2-pole, 3-wire	Rating	
15A, 125V/AC	NEMA 5-15	A-19–A-23
20A, 125V/AC	NEMA 5-20	A-19–A-21
15A, 250V/AC	NEMA 6-15	A-23
20A, 250V/AC	NEMA 6-20	A-23

Straight blade power devices A-24
Specification information A-26

Straight blade receptacle families

High performance receptacles for the most demanding of environments

Arrow Hart's offering of straight blade receptacles cover the full range of hospital, industrial, construction and commercial grades along with special solutions like corrosion resistant, severe duty insulated and watertight straight blade receptacles for complex environments

Hospital grade straight blade receptacles

Arrow Hart's feature rich line of hospital grade receptacles have been designed to meet and exceed the demanding requirements of UL498 and federal specification WC-596 to provide a consistent means of connectivity where downtime can be critical.

Industrial grade straight blade receptacles

Designed from the inside out, these receptacles meet and exceed the UL498 and federal specification WC-596 standards to withstand the most abusive environments and excel in applications that demand the highest levels of performance.

Commercial & construction grade straight blade receptacles

Engineered for safe, reliable performance, these UL498 and federal specification WC-596 listed devices provide maximum durability in a wide variety of applications while providing installation efficiency to help finish the job on time.

Industrial grade corrosion resistant straight blade receptacles

Built to defy the potentially damaging effects of moisture, humidity and other corrosive elements, Arrow Hart corrosion resistant devices are listed to UL498 and federal specification WC-596 to provide a dependable connection regardless of the application environment.

Industrial grade watertight straight blade receptacles

Listed to UL498, Arrow Hart watertight straight blade receptacles utilize advanced materials and innovative design features to make them the best choice for superior performance in harsh, wet location environments.

Compliances, specifications and availability are subject to change without notice.

Arrow Hart straight blade specifiers' table

Feature group	Premium hospital grade	Single premium hospital grade	Isolated ground premium hospital grade	Single isolated ground premium hospital grade	Hospital grade	Premium industrial grade	Premium industrial grade decorator	Single premium industrial grade	Isolated ground premium industrial grade	Single isolated ground premium industrial grade	Industrial grade	Industrial grade decorator	Const. grade
Product line	AH8200 AH8300 AH8400 AH8600 8262 8362	8210 8310 8410◊ 8610◊	IG8200 IG8300 IG8400◊ IG8262 IG8362	IG8210 IG8310	8200 8300 TR8200 TR8300*	AH5262 AH5362 AH5462 AH5662	6262 6362 6462 6662	5261 5361 5461 5661	AHIG5262 AHIG5362 AHIG5462 AHIG5662	IG5261 IG5361 IG5461 IG5661	AH5252 AH5352	6342	5262 5362 5462C 5662C TR5262* TR5362* TR6252* TR6362*
Contact design													
5-leaf line contact	●		●			●	●		●		●		
Triple-wipe line contact		●		●	●			●		●		●	●
Strap materials													
Brass mounting strap	●					●							
Steel mounting strap		●	●	●	●		●	●	●	●	●	●	●
Grounding system													
1-piece integral mounting strap	●					●							
Brass ground shunt			●	●			●		●	●	●		
Riveted ground contact		●			●			●				●	●
Body materials													
Impact & chemical resistant nylon face	●	●	●	●	●	●	●	●	●	●	●	●	●
Glass-filled nylon base	●		●			●	●	●		●	●		
Nylon base	●	●	●	●		●	●	●	●	●	●		
PVC base					●							●	●
Specialty features													
Screw terminal guards	●		●			●	●		●			●	
Back wire ground terminal	●		●			●	●		●			●	
Tri-combo screws	●	●	●	●	●	●	●		●	●	●	●	●
Screw-catch feature	●		●		●	●	●		●		●		●
*Tamper resistant					●								●
Certifications													
cULus instead of UL and CSA	●		●			●			●		●		
RoHS compliant	●	●	●	●	●	●	●	●	●	●	●	●	●

*Tamper resistant receptacles are cULus, Fed Spec and NOM. ◊Not NOM certified.
Compliances, specifications and availability are subject to change without notice.

Compliances, specifications and availability are subject to change without notice.

ArrowLink modular connectors

ArrowLink

Arrow Hart's factory terminated ArrowLink system revolutionizes device installation, unleashing ground breaking labor savings in installation and maintenance by eliminating traditional pigtailing, terminal connections and taping. Use ArrowLink on your next job to reduce labor costs, eliminate installation errors, save money and win!

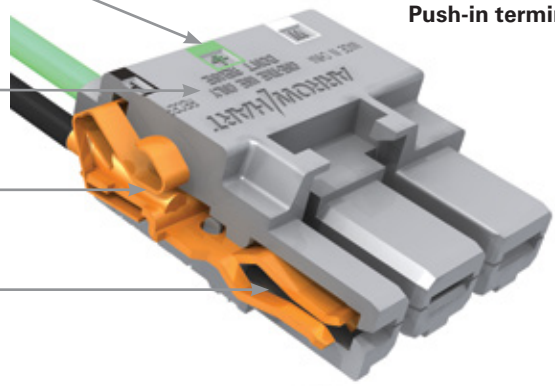
Features & benefits

Color coded terminals for consistent, reliable connections

Durable polycarbonate housing

Terminal accommodation #12 - #14 AWG, solid only

Copper alloy contacts for superior wire retention and minimized heat rise



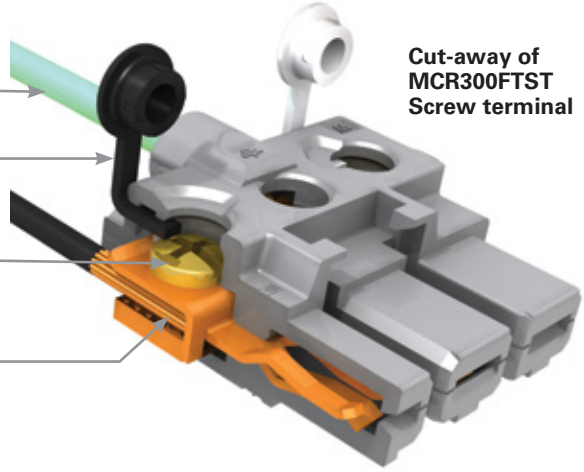
Cut-away of MCR300FTPI Push-in terminal

6", #12 AWG ground lead with ring terminal and captive ground screw

Color coded terminal screws guard caps

Color coded terminal screws

Terminal accommodation #12 - #14 AWG, solid or stranded



Cut-away of MCR300FTST Screw terminal

How to order

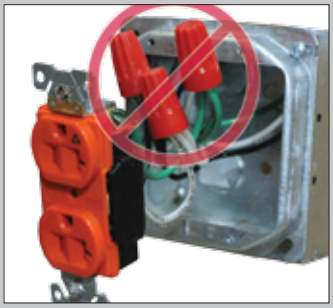
1. Select a device to ArrowLink enable. Catalog pages identify available products-simply add an "M" to the catalog number and the devices will be factory enabled with the ArrowLink device-side connection. (For GFCIs add "MOD" suffix)

2. Choose from leaded or unleaded ArrowLink connector versions in screw-down or push-in models.

3. Place your order and get your ArrowLink devices in bulk packed boxes, shipped within 5 days of receipt of order!

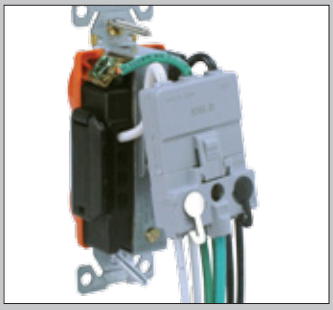
Compliances, specifications and availability are subject to change without notice.

ArrowLink SPD benefits



Ease of installation:
No more twist-on wire connectors

50% Time savings:
SPD accelerates both rough-in & trim out installation

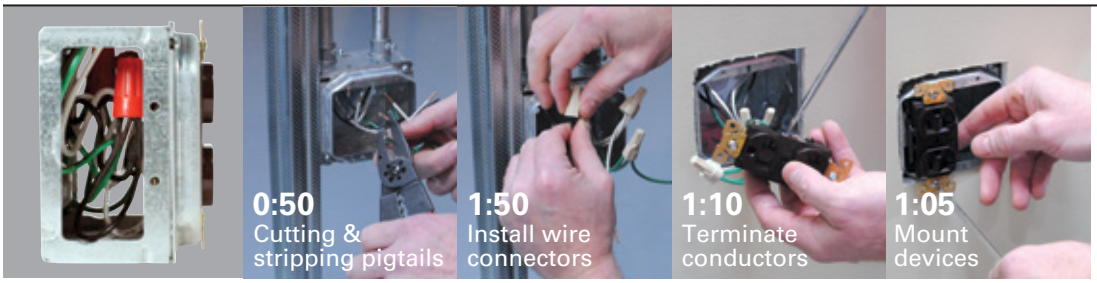


Efficient design:
Low profile connection with feed-through capability

30% Reduction
in wire volume inside the box

ArrowLink SPD comparative labor savings analysis

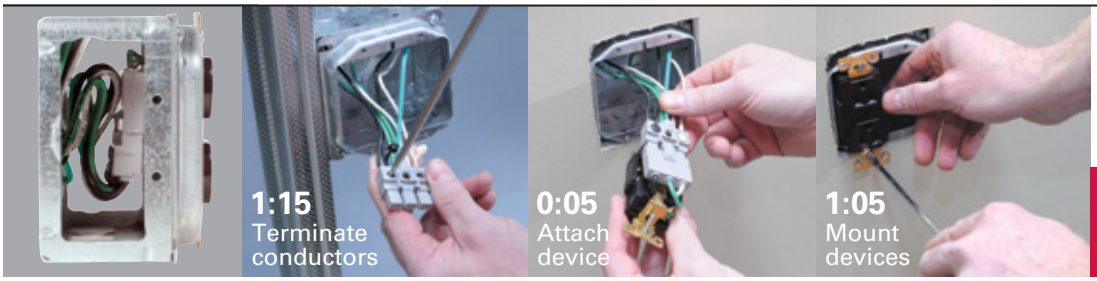
Traditional pigtail installation



4:55/Receptacle

Total time required to install 500 pigtail devices:
40.97 Hours

ArrowLink SPD installation



2:25/Receptacle

Total time required to install 500 ArrowLink SPD devices:
20.13 Hours

Time saved with SPD
20.84 Hours

Leaded ArrowLink receptacle connectors

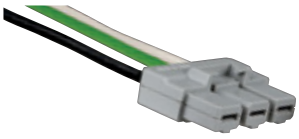
Device type	Description	Catalog no.
Receptacle	Solid wire leads – 125V	☐ MCR125SOL
	Stranded wire leads – 125V	☐ MCR125STR
	Solid wire leads – 250V	☐ MCR250SOL
	Stranded wire leads – 250V	☐ MCR250STR

ArrowLink SPD receptacle connectors

Device type	Description	Catalog no.
Receptacle	Screw terminal	☐ MCR300FTST
	Screw terminal, no ground conductor	☐ MCR300FTSTNG
	Push-in	☐ MCR300FTPI
	Push-in, no ground conductor	☐ MCR300FTPING

ArrowLink accessories

Device type	Description	Catalog no.
Circuit tester	Tests receptacle & ArrowLink connectors	☐ ALTESTER



MCR125STR
Leaded ArrowLink connector

MCR300FTST
Screw terminal

MCR300FTPI
Push-in terminal

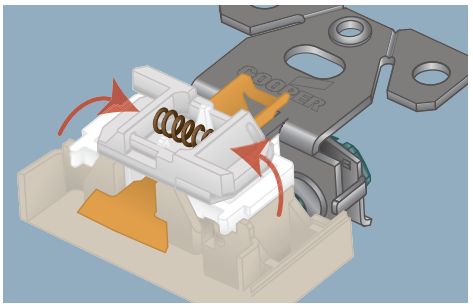
ALTESTER
Circuit tester

Compliances, specifications and availability are subject to change without notice.

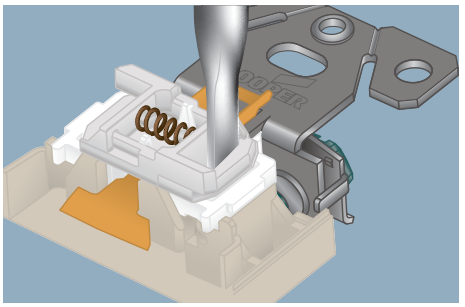
Straight blade receptacle options

Tamper resistant, weather resistant, and tamper & weather resistant receptacles

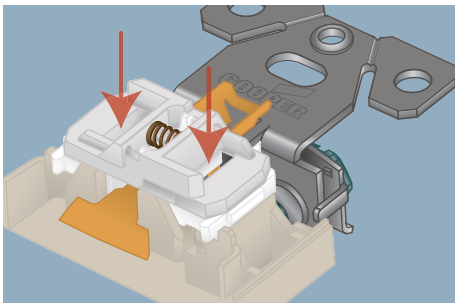
How the tamper resistant system works:



Shutters restrict access in closed position.



Insertion of object in any one side will not open shutters.



Insertion of two-bladed plug or grounding plug will open shutters.

TR TAMPER RESISTANT — "TR" mold mark provides quick visual confirmation of tamper resistance when installed.

WR WEATHER RESISTANT — "WR" identifier quickly indicates during inspections that a weather resistant receptacle has been installed.

TWR TAMPER & WEATHER RESISTANT — Both the "TR" mold mark and "WR" identifier are clearly visible in the finished installation, indicating double-layer protection for maximum safety.

A) 2014 NEC – 517.18 (C) Pediatric locations

Receptacles located within the rooms, bathrooms, playrooms, activity rooms and patient care areas of pediatric wards shall be listed under tamper resistant or employ a listed tamper resistant cover.

B) 2014 NEC – 406.12 (B) TR for guest rooms and suites

All nonlocking type, 125V, 15- and 20-amp receptacles located in guest rooms and suites shall be listed tamper resistant receptacles.

C) 2014 NEC – 406.9 (A)(B) Receptacles in damp or wet locations

All 15- and 20-amp, 125- and 250-volt non-locking receptacles installed in wet or damp locations shall be weather resistant receptacles.

Build-to-spec

For receptacles, switches, GFCIs & SPD devices

Modified at the factory to improve efficiency and speed production at the job site. Arrow Hart's build-to-spec program provides customized device solutions to simplify your project and maximize your bottom line.

Build-to-spec sample number:
5362W

Note:
Arrow Hart 20A 125V NEMA 5-20 blue SPD surge protection receptacle, with wire leads and push-in connectors, without mounting screws, ears, or grounding clip.

5362W PSOL X Z G P

- **5362W** — **Base catalog number** (including device color)
- **PSOL** — **Add 6" leads**: **PSOL** = #12 AWG solid; **PSTR** = #12 AWG stranded
- **X** — Remove mounting screws
- **Z** — Remove ears
- **G** — Remove ground clip
- **P** — Add push-in connector**

BUILD-TO-SPEC
CUSTOM CONFIGURED DEVICES

**For use with leaded devices only. Add "PSOL" to back of device catalog number for 6" of #12 AWG solid or "PSTR" for 6" of #12 AWG stranded. (Example: 8300BLSPSOL + build to spec options).

All devices are bulk packed 50 pieces per carton. Minimum order quantity is 100 pieces. Orders under 500 pieces ship within 5 days with larger quantities typically within 10 days.

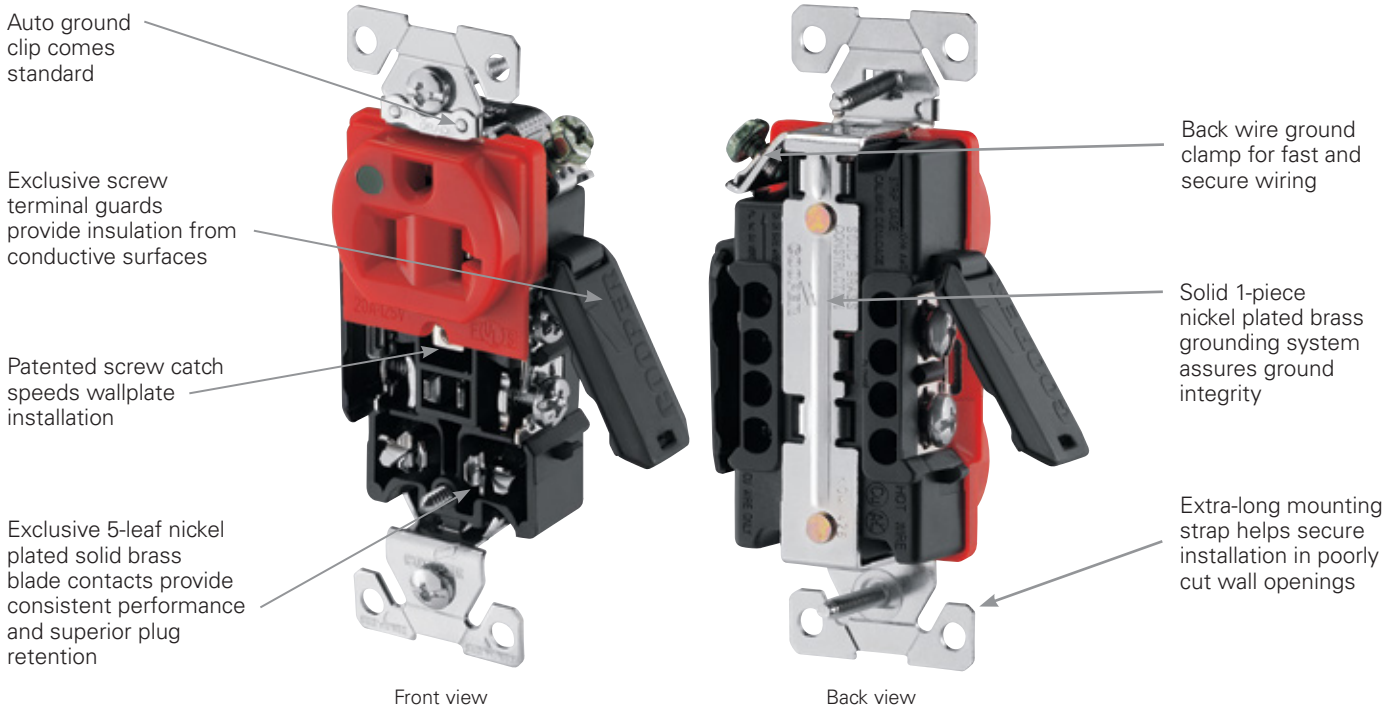
Compliances, specifications and availability are subject to change without notice.

Hospital grade straight blade receptacles

Performance, longevity, reliability

In today's healthcare environment the power to save lives begins with the electrical system. Downtime is not an option and the right receptacle can make the difference in critical situations

Premium hospital grade AH8200, AH8300 series features & benefits



Additional features & benefits

- Available in 15A & 20A duplex & single configurations, including lighted, tamper resistant and ArrowLink modular styles
- Glass-filled nylon base provides superior strength and heat resistance
- Convenient built-in #10 and #12 AWG wire strippers
- High impact- and chemical-resistant nylon face holds structural integrity
- Tri-head combination brass terminal screws are backed out and ready to wire

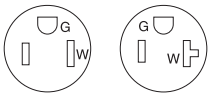
Compliances, specifications and availability are subject to change without notice.

Hospital grade receptacles

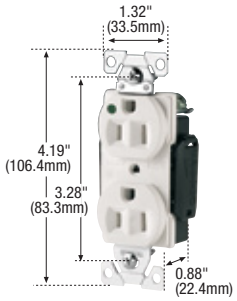
Hospital grade straight blade receptacles

Product description

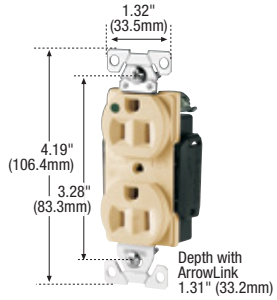
2-pole, 3-wire grounding
15A, 125V/AC; 20A, 125V/AC
NEMA 5-15R, 5-20R



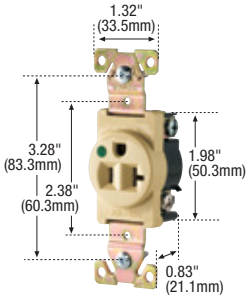
5-15R **5-20R**



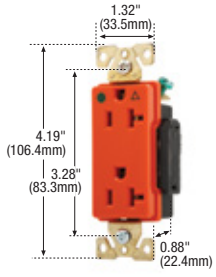
AH8200



AH8200_M



8310



IG8362

Premium hospital grade receptacles

Rating A	V/AC	NEMA	Description	Color suffix	Catalog no.				
15	125	5-15R	Premium duplex receptacle, back & side wire	B, BK, GY, RD, V, W	☐ AH8200__	•	•		•
			Premium illuminated duplex receptacle, back & side wire	V, W	☐ AH8200LT__	•	•		
			Premium single receptacle, back & side wire	B, GY, V, W	☐ 8210__		•	•	•
20	125	5-20R	Premium duplex receptacle, back & side wire	B, BK, GY, LA, RD, V, W	☐ AH8300__	•	•		•
			Premium illuminated duplex receptacle, back & side wire	RD, V	☐ AH8300LT__	•	•		
			Premium single receptacle, back & side wire	B, RD, V, W	☐ 8310__	•	•	•	•

Premium decorator hospital grade receptacles

Rating A	V/AC	NEMA	Description	Color suffix	Catalog no.			
15	125	5-15R	Premium decorator duplex receptacle, back & side wire	GY, RD, V, W	☐ 8262__	•	•	•
			Premium decorator illuminated duplex receptacle, back & side wire	V, W	☐ 8262LT__	•		
20	125	5-20R	Premium decorator duplex receptacle, back & side wire	B, BK, GY, RD, V, W	☐ 8362__	•	•	•
			Premium decorator illuminated duplex receptacle, back & side wire	RD, V, W	☐ 8362LT__	•	•	

Isolated ground premium hospital grade receptacles

Rating A	V/AC	NEMA	Description	Color suffix	Catalog no.				
15	125	5-15R	Premium IG duplex receptacle, back & side wire	GY, RD, RN, V, W	☐ IG8200__	•	•		•
			Premium IG single receptacle, back & side wire	RN	☐ IG8210*	•	•	•	•
			Premium IG decorator duplex receptacle, back & side wire	GY, RN, V, W	☐ IG8262__	•	•		•
20	125	5-20R	Premium IG duplex receptacle, back & side wire	GY, RD, RN, V, W	☐ IG8300__	•	•		•
			Premium IG single receptacle, back & side wire	RN	☐ IG8310*	•	•	•	•
			Premium IG decorator duplex receptacle, back & side wire	GY, RN, V, W	☐ IG8362__	•	•		•

*Not Fed Spec

Color ordering information:

For ordering devices, include Catalog no. followed by the Color suffix: B (Brown), BK (Black), GY (Gray), LA (Light Almond), RD (Red), RN (Orange), V (Ivory), W (White)

B	BK	GY	LA	RD	RN	V	W
(Brown)	(Black)	(Gray)	(Lt. Almond)	(Red)	(Orange)	(Ivory)	(White)

Specification information: Premium HG receptacles: A-26, Isolated ground premium HG receptacles: A-27, ArrowLink premium HG Receptacles: A-36

Compliances, specifications and availability are subject to change without notice.

ArrowLink option available. Add "M" suffix to standard catalog number (example AH8300W, AH8300WM). For ordering information on ArrowLink & ArrowLink SPD connectors, see Page A-5

Build-to-spec customizable devices - Page A-6

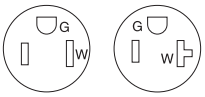
Indicates NAFTA compliant - Page Q-32

RoHS compliant - Page Q-32

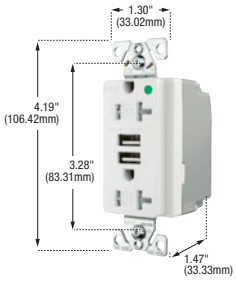
Hospital grade straight blade receptacles

Product description

2-pole, 3-wire grounding
15A, 125V/AC; 20A, 125V/AC
NEMA 5-15R, 5-20R



5-15R 5-20R

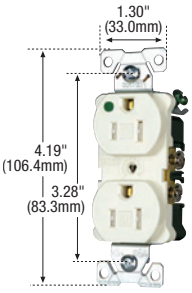


TR8355

Hospital grade combination USB charger

A	V/AC	Rating Amps	V/DC	Description	Color suffix	Catalog no.
15	125	3.1	5	USB charger with hospital grade tamper resistant duplex receptacle	GY, LA, RD, V, W	☐ TR8255__
20	125	3.1	5	USB charger with hospital grade tamper resistant duplex receptacle	GY, LA, RD, V, W	☐ TR8355__

Tamper resistant hospital grade receptacles



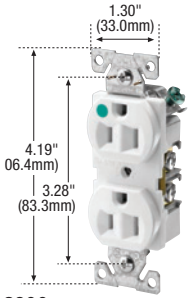
TR8200

A	Rating V/AC	NEMA	Description	Color suffix	Catalog no.			
15	125	5-15R	Duplex receptacle, back & side wire	GY, RD, V, W	☐ TR8200__	•	•	•
20	125	5-20R	Duplex receptacle, back & side wire	B, GY, RD, V, W	☐ TR8300__	•	•	•

Hospital grade receptacles

A	Rating V/AC	NEMA	Description	Color suffix	Catalog no.			
15	125	5-15R	Duplex receptacle, back & side wire	B, GY, RD, V, W	☐ 8200__	•	•	•
20	125	5-20R	Duplex receptacle, back & side wire	B, GY, LA, RD, V, W	☐ 8300__	•	•	•

Panel-mount special use hospital grade single receptacles



8200

A	Rating V/AC	NEMA	Description	Color suffix	Catalog no.		
15	125	5-15R	Strap center to center spacing = 1.9375" (49.2mm), back & side wire	V	☐ 8210MV	•	•
20	125	5-20R	Strap center to center spacing = 1.9375" (49.2mm), back & side wire	RD, V	☐ 8310M__	•	•

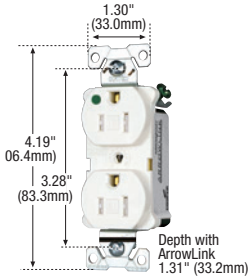
Accessories for hospital grade NEMA 5-15 & 5-20 receptacles

Description	Color suffix	Catalog no.		
2-Gang, standard size duplex receptacle pre-marked wallplate "emergency"	Stainless Steel	☐ EM93102	•	•
1-Gang, mid-size duplex receptacle wallplate, "GFCI protected"	V, W	☐ PJ8GF__		•
2-Gang, mid-size duplex receptacle pre-marked wallplate,"emergency"	RD	☐ PJ82EMRD		•

EM93102

PJ8GFV

PJ82EMRD



TR8200_M

Color ordering information:

For ordering devices, include Catalog no. followed by the Color suffix: B (Brown), GY (Gray), LA (Light Almond), RD (Red), V (Ivory), W (White)

B	GY	LA	RD	V	W	
(Brown)	(Gray)	(Lt. Almond)	(Red)	(Ivory)	(White)	(Stainless Steel)

Specification information: Tamper resistant HG receptacles: A-28, Panel mount HG receptacles: A-28, HG receptacles: A-28, HG USB receptacles: A-34, ArrowLink HG receptacles: A-36

Compliances, specifications and availability are subject to change without notice.

ArrowLink option available. Add "M" suffix to standard catalog number (example AH8300W, AH8300WM). For ordering information on ArrowLink & ArrowLink SPD connectors, see Page A-5

Tamper resistant

Build-to-spec customizable devices - Page A-6

Indicates NAFTA compliant - Page Q-32

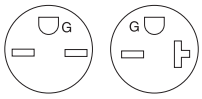
RoHS compliant - Page Q-32

Hospital grade receptacles

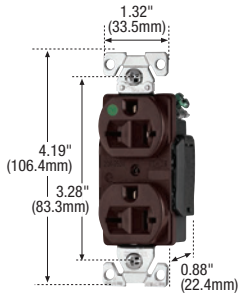
Hospital grade straight blade receptacles

Product description

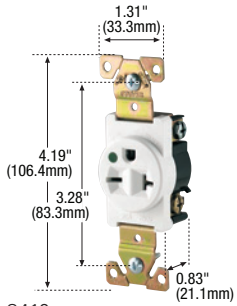
2-pole, 3-wire grounding
15A, 250V/AC;
20A, 250V/AC
NEMA 6-15R, 6-20R



6-15R **6-20R**



AH8400



8410

Premium hospital grade receptacles

Rating A	V/AC	NEMA	Description	Color suffix	Catalog no.				
15	250	6-15R	Premium duplex receptacle, back & side wire	V, W	☐ AH8600__	•	•		•
			Premium single receptacle, back & side wire	V, W	☐ 8610__		•	•	•
20	250	6-20R	Premium duplex receptacle, back & side wire	B, GY, RD, V, W	☐ AH8400__	•	•		•
			Premium single receptacle, back & side wire	B, RD, V, W	☐ 8410__		•	•	•

Isolated ground premium hospital grade receptacles

Rating A	V/AC	NEMA	Description	Color	Catalog no.			
20	250	6-20R	Premium IG duplex receptacle, back & side wire	RN	☐ IG8400RN			•	•

Accessories for hospital grade NEMA 6-15 & 6-20 receptacles

Description	Color suffix	Catalog no.		
1-Gang, standard size duplex receptacle nylon wallplate	A, B, BK, GY, LA, RD, V, W	☐ 5132__	•	•
1-Gang, mid-size duplex receptacle polycarbonate wallplate	A, B, BK, BL, GY, LA, RD, V, W	☐ PJ8__		•

5132V

PJ8LA

Color ordering information:

For ordering devices, include Catalog no. followed by the Color suffix: A (Almond), B (Brown), BK (Black), BL (Blue), GY (Gray), LA (Light Almond), RD (Red), RN (Orange), V (Ivory), W (White)

A	B	BK	BL	GY	LA	RD	RN	V
(Almond)	(Brown)	(Black)	(Blue)	(Gray)	(Lt. Almond)	(Red)	(Orange)	(Ivory)

W
(White)

Specification information: Premium HG receptacles: A-26, ArrowLink premium HG receptacles: A-36, Isolated ground premium HG receptacles: A-27

Compliances, specifications and availability are subject to change without notice

ArrowLink option available. Add "M" suffix to standard catalog number (example AH8300W, AH8300WM). For ordering information on ArrowLink & ArrowLink SPD connectors, see Page A-5

Build-to-spec customizable devices - Page A-6

Indicates NAFTA compliant - Page Q-32

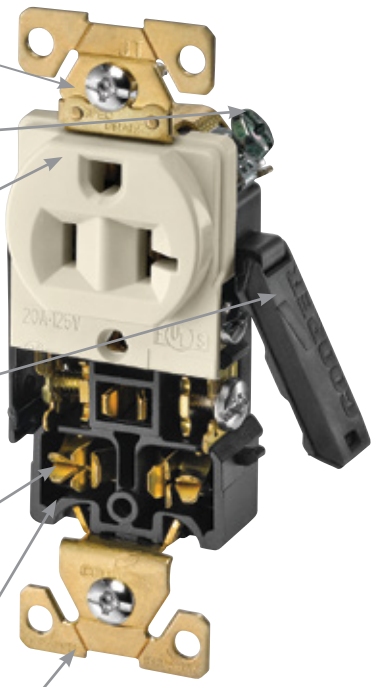
RoHS compliant - Page Q-32

Industrial grade receptacles

Arrow Hart industrial receptacles are best-in-class with unique features

These durable receptacles are designed from the inside out to provide innovative functionality throughout the product line and withstand the most abusive environments to provide a consistent means of reliable connectivity

Premium industrial grade AH5262, AH5362, AH5462, AH5662 features & benefits



- Auto ground clip comes standard
- Back wire ground clamp provides fast and secure wiring
- High impact and chemical-resistant nylon face holds structural integrity
- Exclusive screw terminal guards provide insulation from conductive surfaces
- Innovative 5-leaf solid brass contacts provide consistent performance and superior plug retention
- Glass-filled nylon base provides superior strength and high heat resistance
- 1-piece solid brass mounting strap with integral grounding system assures ground integrity

Industrial grade AH5252, AH5352 features & benefits

- Extra-long mounting straps help secure installation in poorly cut wall openings
- 1-piece solid brass ground shunt system assures ground integrity
- Exclusive 5-leaf solid brass contacts provide consistent performance and superior plug retention

Additional features & benefits

- Patented screw catch speeds wallplate installation
- Convenient built-in #10 and #12 AWG wire strippers
- Tri-combination head brass terminal screws are backed out and ready to wire
- Available in 15A & 20A duplex & single configurations, including isolated ground and ArrowLink modular styles

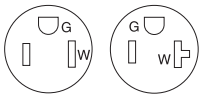
Compliances, specifications and availability are subject to change without notice.

Industrial grade receptacles

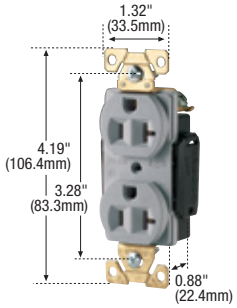
Industrial grade straight blade receptacles

Product description

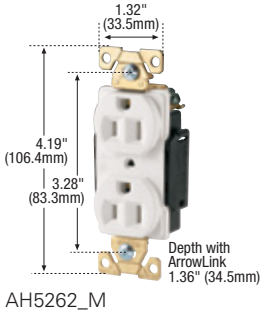
2-pole, 3-wire grounding
15A, 125V/AC;
20A, 125V/AC
NEMA 5-15R, 5-20R



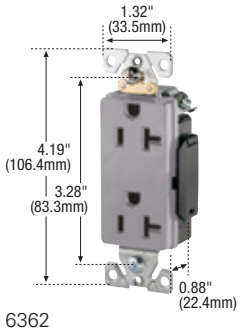
5-15R **5-20R**



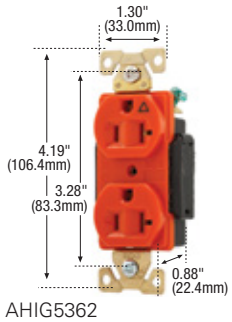
AH5362



AH5262_M



6362



AHIG5362

Premium industrial grade receptacles

Rating A	V/AC	NEMA	Description	Color suffix	Catalog no.				
15	125	5-15R	Premium duplex receptacle, back & side wire	B, BK, GY, RD, V, W	☐AH5262__	•	•		•
			Premium single receptacle, back & side wire	B, GY, RD, V, W	☐5261__	•	•	•	•
20	125	5-20R	Premium duplex receptacle, back & side wire	B, BK, GY, LA, RD, V, W	☐AH5362__	•	•		•
			Premium single receptacle, back & side wire	B, BK, GY, RD, V, W	☐5361__	•	•	•	•

Premium decorator industrial grade receptacles

Rating A	V/AC	NEMA	Description	Color suffix	Catalog no.			
15	125	5-15R	Premium decorator duplex receptacle, back & side wire	GY, RD, V, W	☐6262__		•	•	•
20	125	5-20R	Premium decorator duplex receptacle, back & side wire	BK, GY, RD, V, W	☐6362__		•	•	•

Isolated ground premium industrial grade receptacles

Rating A	V/AC	NEMA	Description	Color suffix	Catalog no.				
15	125	5-15R	Premium IG duplex receptacle, back & side wire	GY, RD, RN, V, W	☐AHIG5262__	•	•	•	•
			Premium IG single receptacle, back & side wire	RN	☐IG5261RN	•	•	•	•
20	125	5-20R	Premium IG duplex receptacle, back & side wire	BK, GY, RD, RN, V, W	☐AHIG5362__	•	•	•	•
			Premium IG single receptacle, back & side wire	RN, V	☐IG5361__*	•	•	•	•

*Not Fed Spec

Color ordering information:

For ordering devices, include Catalog no. followed by the Color suffix: B (Brown), BK (Black), GY (Gray), LA (Light Almond), RD (Red), RN (Orange), V (Ivory), W (White)

B	BK	GY	LA	RD	RN	V	W
(Brown)	(Black)	(Gray)	(Lt. Almond)	(Red)	(Orange)	(Ivory)	(White)

Specification information: Premium industrial receptacles: A-29, ArrowLink premium industrial receptacles: A-36, Premium decorator industrial receptacles: A-29, Isolated ground premium industrial receptacles: A-34, ArrowLink isolated ground premium industrial receptacles: A-31, A-36

Compliances, specifications and availability are subject to change without notice.

ArrowLink option available. Add "M" suffix to standard catalog number (example AH8300W, AH8300WM). For ordering information on ArrowLink & ArrowLink SPD connectors, see Page A-5

Build-to-spec customizable devices - Page A-6

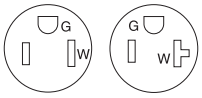
Indicates NAFTA compliant - Page Q-32

RoHS compliant - Page Q-32

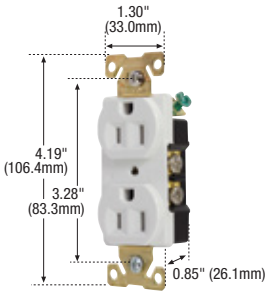
Industrial grade straight blade receptacles

Product description

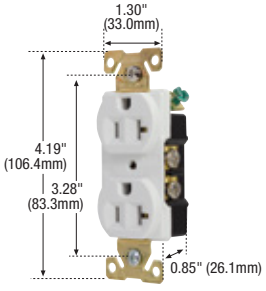
2-pole, 3-wire grounding
15A, 125V/AC;
20A, 125V/AC
NEMA 5-15R, 5-20R



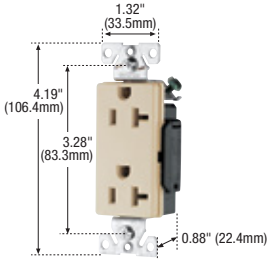
5-15R **5-20R**



AH5252



AH5352



6342

Industrial grade receptacles

Rating A	V/AC	NEMA	Description	Color suffix	Catalog no.				
15	125	5-15R	Duplex receptacle, back & side wire	B, BK, BL, GY, LA, RD, V, W	☐ AH5252__	•	•	•	•
20	125	5-20R	Duplex receptacle, back & side wire	B, BK, BL, GY, LA, RD, V, W	☐ AH5352__	•	•	•	•

Decorator industrial grade receptacles

Rating A	V/AC	NEMA	Description	Color suffix	Catalog no.				
20	125	5-20R	Decorator duplex receptacle, side wire	V, W	☐ 6342__	•	•	•	•

Accessories for industrial grade NEMA 5-15 & 5-20 receptacles

Description	Color suffix	Catalog no.		
2-Gang mid-size decorator wallplate	A, B, BK, GY, LA, RD, V, W	☐ PJ262__		•
1-Gang standard size duplex receptacle wallplate	Stainless steel	☐ 93101	•	•
1-Gang, stainless steel single receptacle wallplate	Stainless steel	☐ 93091	•	•

PJ262V

93101

93091

Color ordering information:

For ordering devices, include Catalog no. followed by the Color suffix: A (Almond), B (Brown), BK (Black), BL (Blue), GY (Gray), LA (Light Almond), RD (Red), V (Ivory), W (White)

A	B	BK	BL	GY	LA	RD	V	W	
(Almond)	(Brown)	(Black)	(Blue)	(Gray)	(Lt. Almond)	(Red)	(Ivory)	(White)	(Stainless Steel)

Specification information: Duplex industrial receptacles: A-30, Decorator industrial receptacles: A-30, ArrowLink industrial receptacles: A-36, Single industrial receptacles: A-31

Compliances, specifications and availability are subject to change without notice.

ArrowLink option available. Add "M" suffix to standard catalog number (example AH8300W, AH8300WM). For ordering information on ArrowLink & ArrowLink SPD connectors, see Page A-5

Build-to-spec customizable devices - Page A-6

Indicates NAFTA compliant - Page Q-32

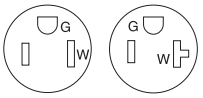
RoHS compliant - Page Q-32

Industrial Grade Receptacles

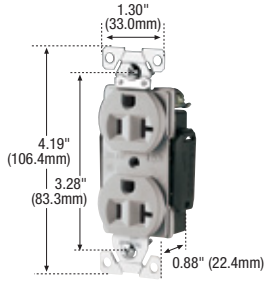
Industrial grade straight blade receptacles

Product description

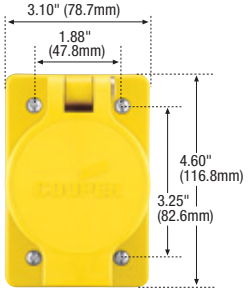
2-pole, 3-wire grounding
15A, 125V/AC;
20A, 125V/AC
NEMA 5-15R, 5-20R



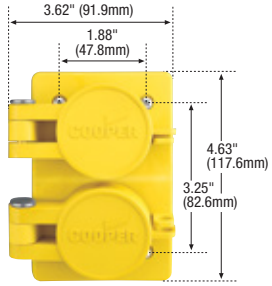
5-15R **5-20R**



AH5362CR



60W47



60W47DPLX

Special use panel-mount industrial single receptacles

Rating A	V/AC	NEMA	Description	Color	Catalog no.		
15	125	5-15R	Brown, strap center-center spacing 1.9375" (49.2mm), back & side wire, short strap	B	☐ 5284B	•	•

Corrosion resistant premium industrial grade receptacles

Rating A	V/AC	NEMA	Description	Color suffix	Catalog no.		
15	125	5-15R	Premium corrosion resistant duplex receptacle, back & side wire	GY, Y	☐ AH5262CR__	•	•
20	125	5-20R	Premium corrosion resistant duplex receptacle, back & side wire	GY, Y	☐ AH5362CR__	•	•

Watertight special use industrial grade receptacles

Rating A	V/AC	NEMA	Description	Color	Catalog no.		
15	125	5-15R	Single watertight receptacle, back wire	Y	☐ 60W47	•	•
			Single watertight receptacle, back wire	BK	☐ 60W47BK	•	•
			Duplex watertight receptacle, back wire	Y	☐ 60W47DPLX	•	•
			Duplex watertight receptacle, back wire	BK	☐ 60W47DPLXBK	•	•
20	125	5-20R	Single watertight receptacle, back wire	Y	☐ 60W33	•	•
			Single watertight receptacle, back wire	BK	☐ 60W33BK	•	•
			Duplex watertight receptacle, back wire	Y	☐ 60W33DPLX	•	•
			Duplex watertight receptacle, back wire	BK	☐ 60W33DPLXBK	•	•

NOTE: See Complex Environment (Section D) for more information

Accessories for industrial grade NEMA 6-15 & 6-20 receptacles

Description	Catalog no.		
1-Gang, cast aluminum outlet box, 3 hole 0.75" (19.05mm)	☐ 1116	•	•

1116

Color ordering information:

For ordering devices, include Catalog no. followed by the Color suffix: B (Brown), BK (Black), GY (Gray), Y (Yellow)

B	BK	GY	Y
(Brown)	(Black)	(Gray)	(Yellow)

Specification information: Panel mount industrial receptacles: A-31, Corrosion resistant premium industrial receptacles: A-35, Watertight receptacles: A-35

Compliances, specifications and availability are subject to change without notice.

Build-to-spec customizable devices - Page A-6

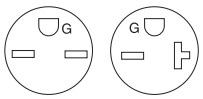
Indicates NAFTA compliant - Page Q-32

RoHS compliant - Page Q-32

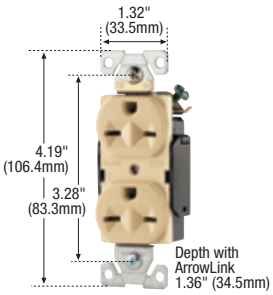
Industrial grade straight blade receptacles

Product description

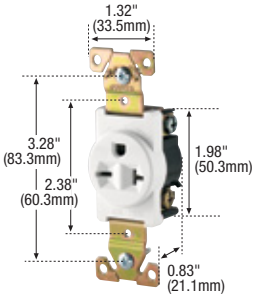
2-pole, 3-wire grounding
15A, 250V/AC;
20A, 250V/AC
NEMA 6-15R, 6-20R



6-15R 6-20R



AH5662_M



5461

Premium industrial grade receptacles

Rating A	V/AC	NEMA	Description	Color suffix	Catalog no.				
15	250	6-15R	Premium duplex receptacle, back & side wire	B, V, W	☐AH5662__	•	•		•
			Premium single receptacle, back & side wire	B, V, W	☐5661__		•	•	•
20	250	6-20R	Premium duplex receptacle, back & side wire	B, GY, V, W	☐AH5462__	•	•		•
			Premium single receptacle, back & side wire	B, GY, V, W	☐5461__		•	•	•

Premium decorator industrial grade receptacles

Rating A	V/AC	NEMA	Description	Color suffix	Catalog no.			
15	250	6-15R	Premium decorator duplex receptacle, back & side wire	V, W	☐6662__†		•	•
20	250	6-20R	Premium decorator duplex receptacle, back & side wire	V, W	☐6462__		•	•

† Not NOM cert

Isolated ground premium industrial grade receptacles

Rating A	V/AC	NEMA	Description	Color	Catalog no.				
15	250	6-15R	Premium IG duplex receptacle, back & side wire	RN	☐AHIG5662RN	•	•	•	
			Premium IG single receptacle, back & side wire	RN	☐IG5661RN*		•	•	
20	250	6-20R	Premium IG duplex receptacle, back & side wire	RN	☐AHIG5462RN	•	•	•	
			Premium IG single receptacle, back & side wire	RN	☐IG5461RN*		•	•	

* Not Fed Spec

Color ordering information:

For ordering devices, include Catalog no. followed by the Color suffix: B (Brown), GY (Gray), RN (Orange), V (Ivory), W (White)

B	GY	RN	V	W
(Brown)	(Gray)	(Orange)	(Ivory)	(White)

Specification information: ArrowLink premium industrial receptacles: A-29, Premium industrial receptacles: A-29, Premium decorator industrial receptacles: A-29, Isolated ground premium industrial receptacles: A-30
Compliances, specifications and availability are subject to change without notice.

ArrowLink option available. Add "M" suffix to standard catalog number (example AH8300W, AH8300WM). For ordering information on ArrowLink & ArrowLink SPD connectors, see Page A-5

Build-to-spec customizable devices - Page A-6

Indicates NAFTA compliant - Page Q-32

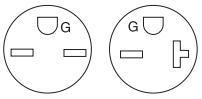
RoHS compliant - Page Q-32

Industrial grade receptacles

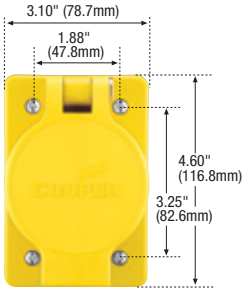
Industrial grade straight blade receptacles

Product description

2-pole, 3-wire grounding
15A, 250V/AC
20A, 250V/AC
NEMA 6-15R, 6-20R



6-15R **6-20R**

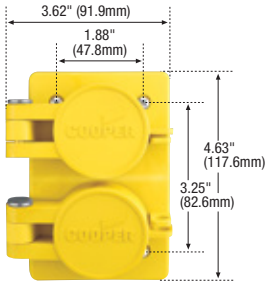


60W48

Watertight special use industrial grade receptacles

Rating A	V/AC	NEMA	Description	Color	Catalog no.	
15	250	6-15R	Single watertight receptacle, back wire	Y	☐ 60W49	•
			Single watertight receptacle, back wire	BK	☐ 60W49BK	•
			Duplex watertight receptacle, back wire	Y	☐ 60W49DPLX	•
			Duplex watertight receptacle, back wire	BK	☐ 60W49DPLXBK	•
20	250	6-20R	Single watertight receptacle, back wire	Y	☐ 60W48	•
			Single watertight receptacle, back wire	BK	☐ 60W48BK	•
			Duplex watertight receptacle, back wire	Y	☐ 60W48DPLX	•
			Duplex watertight receptacle, back wire	BK	☐ 60W48DPLXBK	•

NOTE: See Complex Environments (Section D) for more information



60W49DPLX

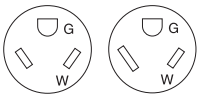
Special use panel-mount industrial single receptacles

Rating A	V/AC	NEMA	Description	Color	Catalog no.		
15	250	6-15R	Strap center to center spacing 1.9375" (49.2mm), back & side wire, short strap	B	☐ AH5684	•	•

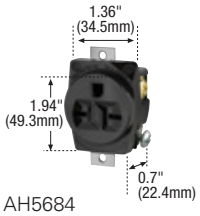
Industrial grade straight blade receptacles

Product description

2-pole, 3-wire grounding
15A, 277V/AC
20A, 277V/AC
NEMA 7-15R, 7-20R



7-15R **7-20R**

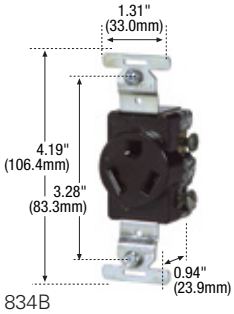


AH5684

Industrial grade receptacles

Rating A	V/AC	NEMA	Description	Color	Catalog no.		
15	277	7-15R	Duplex receptacle, back & side wire	B	☐ 5302B†	•	•
20	277	7-20R	Single receptacle, side wire only	B	☐ 834B	•	•

† UL only



834B

Color information:

B (Brown), BK (Black), Y (Yellow)

B	BK	Y
(Brown)	(Black)	(Yellow)

Specification information: Panel mount industrial receptacles: A-31, Industrial receptacles: A-35, Watertight industrial receptacles: A-35

Compliances, specifications and availability are subject to change without notice.

Indicates NAFTA compliant - Page Q-32 RoHS compliant - Page Q-32

Construction grade receptacles

Combines safe, rugged, reliable performance with ease-of-installation

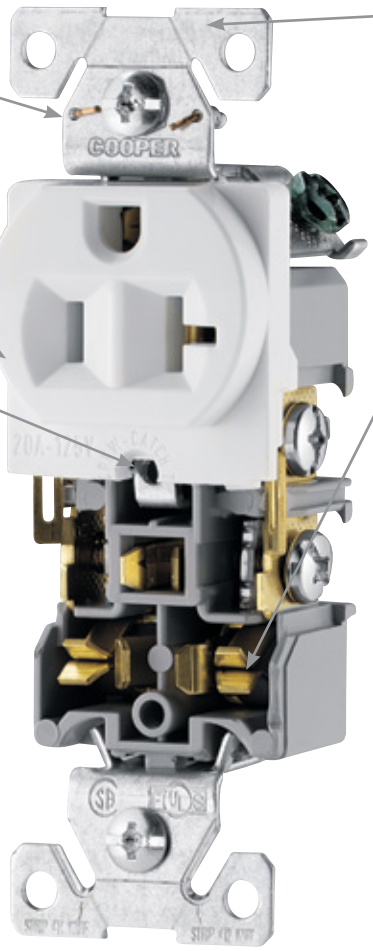
Arrow Hart construction grade receptacles are designed to provide a dependable, long lasting user experience while increasing the speed and efficiency of installation

Construction grade 5262 & 5362 series features & benefits

Automatic grounding system eliminates need for bonding jumper in grounded metal enclosures

Nylon face resists high impact and chemical abuse

Patented screw catch captures wallplate screw eliminating hand threading of screw, lost screws and cross-threading



Extra long/wide mounting strap maintains assembly security and helps reach oversize cutouts

0.031" thick triple wipe brass line contacts minimize heat rise and maximize plug retention

Additional features & benefits

- Available in 15A & 20A duplex configurations, including tamper resistant and ArrowLink modular styles
- Convenient built-in #10 and #12 AWG wire strippers
- Tri-combo head terminal and mounting screws

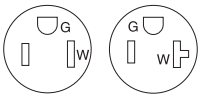
Compliances, specifications and availability are subject to change without notice.

Construction grade receptacles

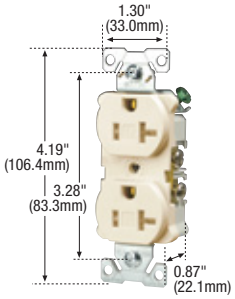
Construction grade straight blade receptacles

Product description

2-pole, 3-wire grounding
15A, 125V/AC
20A, 125V/AC
NEMA 5-15R, 5-20R



5-15R **5-20R**



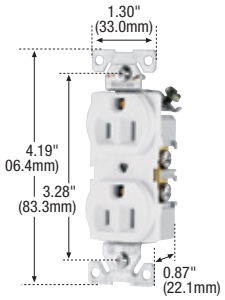
TR5362

Tamper resistant construction grade receptacles

Rating A	V/AC	NEMA	Description	Color suffix	Catalog no.			
15	125	5-15R	Duplex receptacle, back & side wire	A, B, BK, GY, LA, V, W	☐ TR5262__	•	•	•
20	125	5-20R	Duplex receptacle, back & side wire	A, B, BK, GY, LA, RD, V, W	☐ TR5362__	•	•	•

Construction grade receptacles

Rating A	V/AC	NEMA	Description	Color suffix	Catalog no.				
15	125	5-15R	Duplex receptacle, back & side wire	B, GY, LA, V, W	☐ 5262__	•	•	•	•
20	125	5-20R	Duplex receptacle, back & side wire	B, BK, BL, GY, LA, RD, V, W	☐ 5362__	•	•	•	•

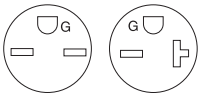


5262

Construction grade straight blade receptacles

Product description

2-pole, 3-wire grounding
15A, 250V/AC
20A, 250V/AC
NEMA 5-15R, 5-20R, 6-15R, 6-20R



6-15R **6-20R**

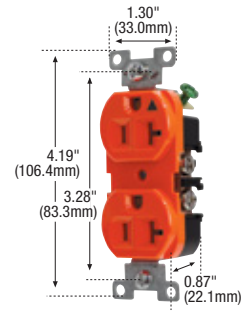
Construction grade receptacles

Rating A	V/AC	NEMA	Description	Color suffix	Catalog no.			
15	250	6-15R	Duplex receptacle, back & side wire	B, V, W	☐ 5662C__ †	•	•	•
20	250	6-20R	Duplex receptacle, back & side wire	B, V, W	☐ 5462C__	•	•	•

† Not NOM cert

Isolated ground, back wire & side wire

Rating A	V/AC	NEMA	Description	Color suffix	Catalog no.	
15	125	5-15R	IG duplex receptacle	GY, RD, RN, V, W	☐ IG5262__	•
20	125	5-20R	IG duplex receptacle	BK, GY, RD, RN, V, W	☐ IG5362__	•



IG5362

Color ordering information:

For ordering devices, include Catalog no. followed by the Color suffix: A (Almond), B (Brown), BK (Black), BL (Blue), GY (Gray), LA (Light Almond), RD (Red), RN (Orange), V (Ivory), W (White)

A	B	BK	BL	GY	LA	RD	RN	V	W
(Almond)	(Brown)	(Black)	(Blue)	(Gray)	(Lt. Almond)	(Red)	(Orange)	(Ivory)	(White)

Specification information: Construction grade receptacles: A-31, ArrowLink construction grade receptacles: A-36, Tamper resistant construction grade receptacles: A-32

Compliances, specifications and availability are subject to change without notice.

ArrowLink option available. Add "M" suffix to standard catalog number (example AH8300W, AH8300WM). For ordering information on ArrowLink & ArrowLink SPD connectors, see Page A-5

Tamper resistant

Build-to-spec customizable devices - Page A-6

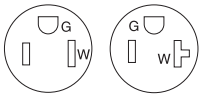
Indicates NAFTA compliant - Page Q-32

RoHS compliant - Page Q-32

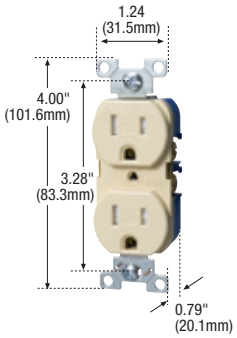
Commercial grade straight blade receptacles

Product description

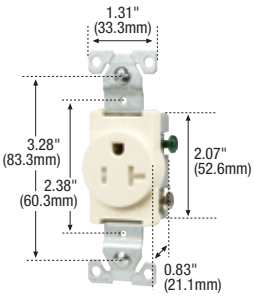
2-pole, 3-wire grounding
15A, 125V/AC
20A, 125V/AC
NEMA 5-15R, 5-20R



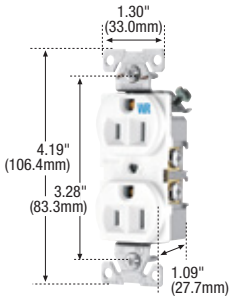
5-15R **5-20R**



TRBR15



TR1877



WRBR15

Tamper resistant commercial grade receptacles

Rating A	V/AC	NEMA	Description	Color suffix	Catalog no.		
15	125	5-15R	Duplex receptacle, back & side wire	A, B, BK, GY, LA, V, W	☐ TRBR15__	•	•
			Single receptacle, side wire	A, B, BK, LA, V, W	☐ TR817__*	•	•
			Decorator duplex receptacle, back & side wire	LA, V, W	☐ TR6252__	•	•
			Decorator single receptacle, back & side wire	B, BK, V, W	☐ TR6250__	•	•
			Duplex receptacle, side wire	A, B, BK, GY, LA, V, W	☐ TRCR15__*		
20	125	5-20R	Duplex receptacle, back & side wire	A, B, BK, GY, LA, RD, V, W	☐ TRBR20__	•	•
			Single receptacle, side wire	A, B, BK, LA, V, W	☐ TR1877__*	•	•
			Decorator duplex receptacle, back & side wire	A, B, BK, GY, LA, V, W	☐ TR6352__	•	•
			Decorator single receptacle, side wire	LA, V, W	☐ TR6350__*	•	•
			Duplex receptacle, side wire	A, B, BK, GY, LA, V, W	☐ TRCR20__*		

* Not Fed Spec

Weather resistant commercial grade receptacles

Rating A	V/AC	NEMA	Description	Color suffix	Catalog no.		
15	125	5-15R	Duplex receptacle, back & side wire	B, V, W	☐ WRBR15__	•	•
20	125	5-20R	Duplex receptacle, back & side wire	B, V, W	☐ WRBR20__	•	•

Tamper & weather resistant commercial grade receptacles

Rating A	V/AC	NEMA	Description	Color suffix	Catalog no.		
15	125	5-15R	Duplex receptacle, back & side wire	B, GY, V, W	☐ TWRBR15__	•	•
20	125	5-20R	Duplex receptacle, back & side wire	B, V, W	☐ TWRBR20__	•	•

Color ordering information:

For ordering devices, include Catalog no. followed by the Color suffix: A (Almond), B (Brown), BK (Black), GY (Gray), LA (Light Almond), RD (Red), V (Ivory), W (White)

A	B	BK	GY	LA	RD	V	W
(Almond)	(Brown)	(Black)	(Gray)	(Lt. Almond)	(Red)	(Ivory)	(White)

Specification information: Tamper resistant commercial receptacles: A-32, Weather resistant commercial receptacles: A-32, Tamper & weather resistant commercial receptacles: A-32

Compliances, specifications and availability are subject to change without notice.

ArrowLink option available. Add "M" suffix to standard catalog number (example AH8300W, AH8300WM). For ordering information on ArrowLink & ArrowLink SPD connectors, see Page A-5

Build-to-spec customizable devices - Page A-6

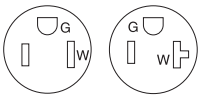
RoHS compliant - Page Q-32

Tamper resistant Weather resistant Tamper & weather resistant

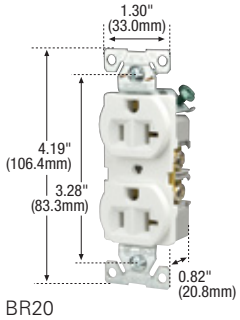
Commercial grade straight blade receptacles

Product description

2-pole, 3-wire grounding
15A, 125V/AC
20A, 125V/AC
NEMA 5-15R, 5-20R



5-15R **5-20R**

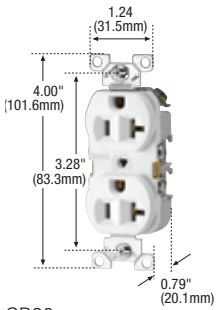


BR20

Commercial grade receptacles

Rating A	V/AC	NEMA	Description	Color suffix	Catalog no.			
15	125	5-15R	Duplex receptacle, back & side wire	A, B, BK, GY, LA, V, W	☐BR15__	•	•	•
			Duplex receptacle, side wire	A, B, BK, GY, LA, V, W	☐CR15__	•		•
			Single receptacle, side wire	B, BK, LA, V, W	☐817__*	•	•	•
20	125	5-20R	Duplex receptacle, back & side wire	A, B, BK, GY, LA, RD, V, W	☐BR20__	•	•	•
			Duplex receptacle, side wire	A, B, BK, GY, LA, V, W	☐CR20__	•		•
			Single receptacle, side wire	A, B, BK, LA, V, W	☐1877__*	•		•

* Not Fed Spec



CR20

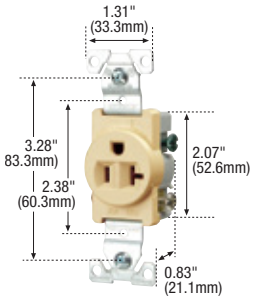
Decorator commercial grade receptacles

Rating A	V/AC	NEMA	Description	Color suffix	Catalog no.			
15	125	5-15R	Duplex receptacle, back & side wire	B, BK, GY, LA, V, W	☐6252__ †	•	•	•
			Single receptacle, back & side wire	V, W	☐6250__*	•	•	•
20	125	5-20R	Duplex receptacle, back & side wire	A, B, BK, GY, LA, V, W	☐6352__ †	•	•	•
			Single receptacle, back & side wire	B, V, W	☐6350__ *†	•	•	•

† Not NOM cert, * UL Listed & CSA certified

Accessories for construction grade 5-15 & 5-20 receptacles

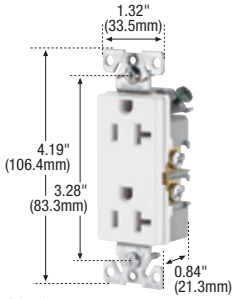
Description	Color suffix	Catalog no.		
2-Gang standard size duplex receptacle wallplate	A, B, BK, GY, LA, RD, V, W	☐5150__	•	•
1-Gang mid-size single receptacle wallplate, 1.4" hole	A, B, BK, GY, LA, RD, V, W	☐PJ7__		•



1877

5150B

PJ7GY



6352

Color ordering information:

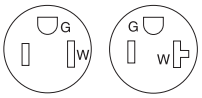
For ordering devices, include Catalog no. followed by the Color suffix: A (Almond), B (Brown), BK (Black), GY (Gray), LA (Light Almond), RD (Red), V (Ivory), W (White)

A	B	BK	GY	LA	RD	V	W
(Almond)	(Brown)	(Black)	(Gray)	(Lt. Almond)	(Red)	(Ivory)	(White)

Specification information: Commercial receptacles: A-33
Compliances, specifications and availability are subject to change without notice.

Build-to-spec customizable devices - Page A-6
Indicates NAFTA compliant - Page Q-32
RoHS compliant - Page Q-32

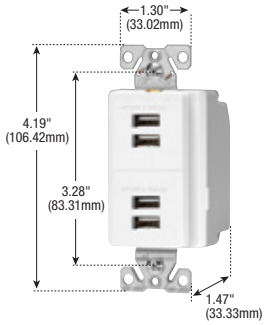
Commercial grade straight blade receptacles



5-15R 5-20R

Product description

2-pole, 3-wire grounding
15A, 125V/AC
20A, 125V/AC
NEMA 5-15R, 5-20R



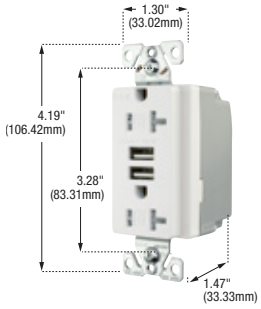
7750

USB charging station

USB rating A	V/DC	Description	Color suffix	Catalog no.
5.0 total	5	USB charging station, wire leads	BK, LA, V, W	☐7750__

USB charger with tamper resistant receptacles

Rating A	V/AC	Amps	V/DC	Description	Color suffix	Catalog no.
15	125	3.1	5	USB charger with TR duplex receptacle, wire leads	A, B, BK, GY, LA, V, W	☐TR7755__
20	125	3.1	5	USB charger with TR duplex receptacle, wire leads	A, B, BK, GY, LA, V, W	☐TR7756__



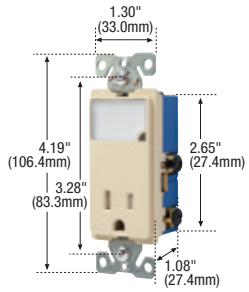
TR7756

Tamper resistant combination LED wallbox nightlight with receptacle

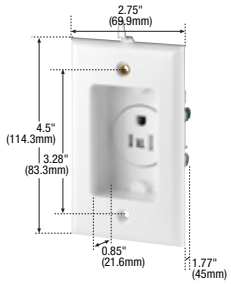
Rating A	V/AC	NEMA	Description	Color suffix	Catalog no.
15	125	5-15R	Nightlight with single receptacle, back & side wire	A, BK, LA, V, W	☐TR7735
20	125	5-20R	Nightlight with single receptacle, back & side wire	A, BK, LA, V, W	☐TR7736

Tamper resistant clock hanger receptacles

Rating A	V/AC	NEMA	Description	Color	Catalog No.	
15	125	5-15R	Single clock hanger receptacle side wire	W	☐TR775W	•
			Recessed duplex receptacle, push wire & side wire	W	☐TR780W	•



TR7735



TR775

Color ordering information:

For ordering devices, include Catalog no. followed by the Color suffix: A (Almond), B (Brown), BK (Black), GY (Gray), LA (Light Almond), V (Ivory), W (White)

A	B	BK	GY	LA	V	W
(Almond)	(Brown)	(Black)	(Gray)	(Lt. Almond)	(Ivory)	(White)

Specification information: USB commercial receptacles & USB charging station: A-34
Compliances, specifications and availability are subject to change without notice.

TR Tamper resistant

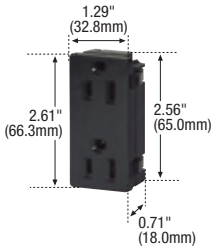
RoHS compliant - Page Q-32

OEM panel mount & snap-in straight blade receptacles

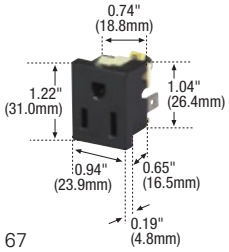
Product description

2-pole, 3-wire grounding
15A, 125V/AC
NEMA 5-15R

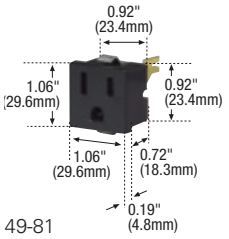
5-15R



4070-6



67



49-81

Snap-in receptacles

Rating A	V/AC	NEMA	Description	Color	Catalog no.		
15	125	5-15R	Single receptacle, plastic back & clips, quick connect with screw terminal grounding, large face	BK	☐ 4067BK	•	•
			Single receptacle, fiber back & steel clips, quick connect with screw terminal grounding, large face	BK	☐ 4067-01BK	•	•
			Duplex receptacle, plastic back & clips, solder connect, slotted terminals, large face	BK	☐ 4070-6BK	•	•
			Single receptacle, plastic back & clips, quick connect with screw terminal grounding, rectangular	BK	☐ 67BK	•	•
			Single receptacle, plastic back & clips, quick connect with screw terminal grounding, rectangular	W	☐ 67W	•	•
			Single receptacle, plastic back & clips, quick connect with wire lead grounding, rectangular	BK	☐ 67-2BK	•	•
			Single receptacle, plastic back & clips, quick connect with wire lead grounding, rectangular	W	☐ 67-2W	•	•
			Plug, solder connect, slotted terminals, square	BK	☐ 4049BK*	•	•

*Not NOM cert

Snap-in receptacles

Rating A	V/AC	NEMA	Description	Color	Catalog no.		
15	125	5-15R	Single receptacle, fiber back & steel clips, quick connect with wire lead grounding, rectangular	BK	☐ 67-31BK	•	•
			Plug, wire leads, square	BK	☐ 4049-2BK*	•	•
			Single receptacle, fiber back & steel clips, quick connect with screw terminal grounding, square	BK, W	☐ 49-01	•	•
			Single receptacle, fiber back & steel clips, wire leads, square	BK	☐ 49-21BK	•	•
			Single receptacle, fiber back & steel clips, 90° quick connect, square	BK	☐ 49-81BK	•	•
			Single receptacle, plastic back & clips, quick connect with screw terminal grounding, square	BK	☐ 49BK	•	•
			Single receptacle, plastic back & clips, quick connect with screw terminal grounding, square	W	☐ 49W	•	•
			Single receptacle, plastic back & clips, parallel quick connect, square	BK	☐ 49-7BK	•	•
			Single receptacle, plastic back & clips, 90° quick connect, square	BK	☐ 49-8BK	•	•
			Single receptacle, plastic back & clips, wire leads, square	BK	☐ 49-2BK	•	•
			Single receptacle, plastic back & clips, wire leads, square	W	☐ 49-2W	•	•

*Not NOM cert, For panel cutout dimensional data, see Q-Technical Reference

Color information:

BK (Black), W (White)

BK	W
(Black)	(White)

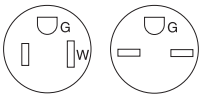
Specification information: Snap-in commercial receptacles: A-33
Compliances, specifications and availability are subject to change without notice.

Indicates NAFTA compliant - Page Q-32
RoHS compliant - Page Q-32

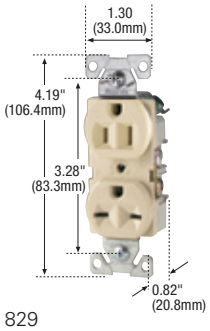
Commercial grade straight blade receptacles

Product description

2-pole, 3-wire grounding
Dual voltage
15A, 125/250V/AC
NEMA 5-15R, 6-15R



5-15R **6-15R**



829

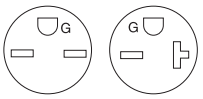
Dual voltage commercial grade receptacle

Rating A	V/AC	NEMA	Description	Color	Catalog no.	RoHS
15	125/250	5-15R/6-15R	Dual voltage duplex receptacle, side wire	V	☐829V	•

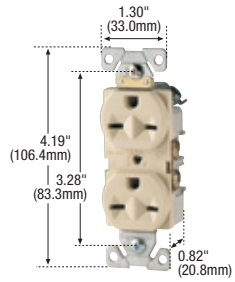
Commercial grade straight blade receptacles

Product description

2-pole, 3-wire grounding
15A, 250V/AC
20A, 250V/AC
NEMA 6-15R, 6-20R



6-15R **6-20R**

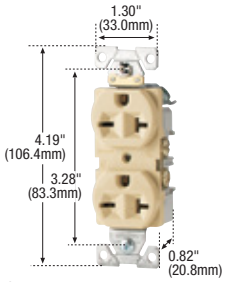


826

Commercial grade receptacles

Rating A	V/AC	NEMA	Description	Color suffix	Catalog no.			RoHS
15	250	6-15R	Duplex receptacle, side wire	B, V, W	☐826__ △			•
			Single receptacle, side wire	B, V, W	☐816__	•	•	•
20	250	6-20R	Duplex receptacle, side wire	B, V, W	☐815__ △			•
			Single receptacle, side wire	A, B, BK, LA, V, W	☐1876__	•	•	•

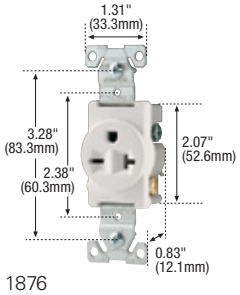
△ Fed Spec certified



815

Decorator commercial grade receptacle

Rating A	V/AC	NEMA	Description	Color	Catalog no.			RoHS
20	250	6-20R	Single receptacle, back & side wire	W	☐6450W	•	•	•



1876

Color ordering information:

For ordering devices, include Catalog no. followed by the Color suffix: A (Almond), B (Brown), BK (Black), LA (Light Almond), V (Ivory), W (White)

A	B	BK	LA	V	W
(Almond)	(Brown)	(Black)	(Lt. Almond)	(Ivory)	(White)

Specification information: Commercial receptacles: A-33
Compliances, specifications and availability are subject to change without notice.

Build-to-spec customizable devices - Page A-6
Indicates NAFTA compliant - Page Q-32
RoHS compliant - Page Q-32

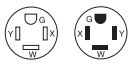
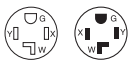
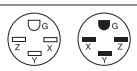
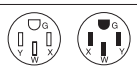
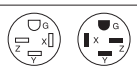
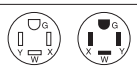
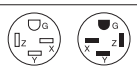
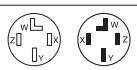
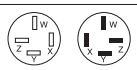
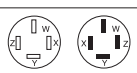
Straight blade power devices - 20, 30, 50 & 60A

Rating: Amps V/AC	Receptacle/ plug NEMA configuration	Flush receptacles	Wallplates	Surface receptacles	Panel mount receptacles	Plugs	Angle plugs	Connectors	Flanged inlets	Adapters
2-pole, 3-wire grounding										
30A 125V	5-30R 5-30P	Commercial: **1233** (Brown) Industrial: **5716N** (Black)	Standard size: **39CH, 68, 2068, 2168, 93221, 93227** Mid-size: **5068, PJ703, PJ724**			Industrial: **5717N** (Gray)	Commercial: **S41** (Black) Industrial: **5717AN** (Gray)	Industrial: **6716N** (Gray & Black)	Industrial: **5717NFI** (Gray)	
30A 125V	TT-30R TT-30P	Commercial: **1263** (Black)			Commercial: **U1263** (Black)		Commercial: **83** (Black)			Commercial: **1264** (Receptacle to NEMA 5-15/5-20 plug) (Black)
30A 250V	6-30R 6-30P	Commercial: **1234** (Black) Industrial: **5700N** (Black)		Commercial: **1232** (Black)		Industrial: **5701N** (Gray)	Commercial: **S42** (Black) Industrial: **5701AN** (Gray)	Industrial: **6700N** (Gray & Black)	Industrial: **5701NFI** (Gray)	
30A 277V	7-30R 7-30P	Industrial: **5795N** (Black)				Industrial: **5703N** (Gray)	Industrial: **5703AN** (Gray)	Industrial: **6795N** (Gray & Black)	Industrial: **5703NFI** (Gray)	
50A 125V	5-50R 5-50P	Commercial: **1253** (Black)		Commercial: **1251** (Black)		Industrial: **5712N** (Gray)	Commercial: **S41** (Black) Industrial: **5712AN** (Gray)	Industrial: **6711N** (Gray & Black)	Industrial: **5712NFI** (Gray)	
50A 250V	6-50R 6-50P	Commercial: **1254** (Black) Industrial: **5709N** (Black)		Commercial: **1252** (Black)		Industrial: **5710N** (Gray)	Commercial: **S42** (Black) Industrial: **5710AN** (Gray)	Industrial: **6709N** (Gray & Black)	Industrial: **5710NFI** (Gray)	
50A 277V	7-50R 7-50P					Industrial: **5705N** (Gray)	Industrial: **5705AN** (Gray)	Industrial: **6796N** (Gray & Black)	Industrial: **5705NFI** (Gray)	
3-pole, 3-wire non-grounding										
20A 125/250V	10-20R 10-20P	Commercial: **805** (Ivory)				Industrial: **9151N** (Gray) Commercial: **2836** (Armed PVC) (Yellow)				
30A 125/250V dryer	10-30R 10-30P	Commercial: **38B** (Brown)	Standard size: **39CH, 68, 2068, 2168, 93221, 93227** Mid-size: **5068, PJ703, PJ724**	Commercial: **125** (Black)		Industrial: **9337N** (Gray)	Commercial: **S80** (Black) Industrial: **9352AN** (Gray)	Industrial: **9341N** (Gray & Black)	Industrial: **9337NFI** (Gray)	
50A 125/250V range	10-50R 10-50P	Commercial: **32B** (Brown) Industrial: **7985N** (Black)	Standard Size: **192**	Commercial: **112** (Black)		Industrial: **4524N** (Gray)	Commercial: **S80** (Black) Industrial: **7952AN** (Gray)	Industrial: **4526N** (Gray & Black)	Industrial: **4524NFI** (Gray)	

Power device dimensional information: B-20; **Specification information:** B-25–B-27
Compliances, specifications and availability are subject to change without notice.

All products on this page are RoHS compliant - Page Q-32

Straight blade power devices - 20, 30, 50 & 60A

Rating: Amps V/AC	Receptacle/ plug NEMA configuration	Flush receptacles	Wallplates	Surface receptacles	Panel mount receptacles	Plugs	Angle plugs
3-pole, 4-wire grounding							
20A 125/250V	 14-20R 14-20P	Industrial: **5759** (Black)					
30A 125/250V dryer	 14-30R 14-30P	Commercial: **1257** (Black)	Standard size: **39CH, 68, 2068, 2168, 93221, 93227** Mid-size: **5068, PJ703, PJ724**	Commercial: **1225** (Black)		Industrial: **5746N** (Gray)	Commercial: **S21** (Black) Industrial: **5732AN** (Gray)
		Industrial: **5744N** (Black)	Standard size: **69, 5169, 93223**				
30A 3Ø 250V	 15-30R 15-30P	Industrial: **8430N** (Black)	Standard size: **69, 5169, 93223**			Industrial: **8432N** (Gray)	Industrial: **8432AN** (Gray)
50A 125/250V range	 14-50R 14-50P	Commercial: **1258** (Black)	Standard size: **39CH, 68, 2068, 2168, 93221, 93227** Mid-size: **5068, PJ703, PJ724**	Commercial: **1212** (Black)	Commercial: **58** (Black)	Industrial: **5745N** (Gray)	Commercial: **S21** (Black) Industrial: **5752AN** (Gray)
		Industrial: **5754N** (Black)	Standard size: **69, 5169, 93223**				
50A 3Ø 250V	 15-50R 15-50P	Industrial: **8450N** (Black)	Standard size: **69, 5169, 93223**		Industrial: **8450P** (Black)	Industrial: **8452N** (Gray)	Industrial: **8452AN** (Gray)
60A 125/250V	 14-60R 14-60P	Industrial: **9460N** (Black)	Standard size: **69, 5169, 93223**		Commercial: **60** (Black)	Industrial: **9462N** (Gray)	Commercial: **S20** (Black) Industrial: **9462AN** (Gray)
60A 3Ø 250V	 15-60R 15-60P	Industrial: **8460N** (Black)	Standard size: **69, 5169, 93223**			Industrial: **AH8462N** (Gray)	Industrial: **AH8462AN** (Gray)
4-pole, 4-wire non-grounding							
30A 3ØY 120/208V	 18-30R 18-30P					Industrial: **8332N** (Gray)	Industrial: **8332AN** (Gray)
50A 3ØY 120V/208V	 18-50R 18-50P					Industrial: **8352N** (Gray)	Industrial: **8352AN** (Gray)
60A 3ØY 120/208V	 18-60R 18-60P	Industrial: **5515N** (Black)	Standard size: **69, 5169, 93223**			Industrial: **5517N** (Gray)	Commercial: **S19** (Black) Industrial: **4516AN** (Gray)

Compliances, specifications and availability are subject to change without notice.

All products on this page are RoHS compliant - Page Q-32

Hospital grade receptacles specification & performance data

Hospital grade premium receptacles

Product description

2-pole, 3-wire grounding
15A, 125V/AC; 15A, 250V/AC;
20A, 125V/AC; 20A, 250V/AC
NEMA 5-15, 6-15, 5-20, 6-20

Device type	Hospital grade premium duplex receptacles: AH8200, AH8300, AH8400, AH8600 series	Hospital grade premium decorator duplex receptacles: 8262, 8362 series	Hospital grade premium single receptacles: 8210, 8310, 8410, 8610 series
Wiring type	Back & side wire	Back & side wire	Back & side wire
Testing & code compliance	• Listed to UL498, file no. E15058 • UL verified to Fed Spec WC-596G • CSA certified to C22.2, no. 42, file no. 6914 (6233-01) • NOM certified	• Listed to UL498, file no. E15058 • UL verified to Fed Spec WC-596G • CSA certified to C22.2, no. 42, file no. 6914 (6233-01) • NOM certified	• Listed to UL498, file no. E15058 • UL verified to Fed Spec WC-596G • CSA certified to C22.2, no. 42, file no. 6914 (6233-01) • NOM certified
Environmental specifications	**Flammability:** Meets UL94 requirements; V2 rated **Temperature rating:** -20°C to 90°C (-4°F to 194°F)	**Flammability:** Meets UL94 requirements; V2 rated **Temperature rating:** -20°C to 70°C (-4°F to 158°F)	**Flammability:** Meets UL94 requirements; V2 rated **Temperature rating:** -20°C to 90°C (-4°F to 194°F)
Electrical specifications	**Dielectric voltage:** Withstands 2000V per UL498 **Current interrupting:** Yes, at full-rated current **Temperature rise:** Max. 30°C (86°F) after 250 cycles of overload @ 200% of rated current (DC)	**Dielectric voltage:** Withstands 2000V per UL498 **Current interrupting:** Yes, at full-rated current **Temperature rise:** Max. 30°C (86°F) after 250 cycles of overload @ 200% of rated current (DC)	**Dielectric voltage:** Withstands 2000V per UL498 **Current interrupting:** Yes, at full-rated current **Temperature rise:** Max. 30°C (86°F) after 250 cycles of overload @ 200% of rated current (DC)
Mechanical specifications	**Terminal accommodation:** #14 - #10 AWG **Voltage ratings:** Permanently marked on device	**Terminal accommodation:** #14 - #10 AWG **Voltage ratings:** Permanently marked on device	**Terminal accommodation:** #14 - #10 AWG **Voltage ratings:** Permanently marked on device
Materials	**Top housing:** Nylon **Bottom housing:** Glass-filled nylon **Strap:** 0.05" thick brass, nickel plated **Auto ground clip:** Brass **Line contacts:** 0.031" thick 5-leaf brass, nickel plated **Ground contact:** Integral **Terminal screws:** #8-32 brass, neutral screw nickel plated **Ground screw:** #8-32 brass, green **Screw terminal guards:** PVC hinged doors **Illuminated models:** Long-life neon bulb	**Top housing:** Nylon **Bottom housing:** Glass-filled nylon **Strap:** 0.05" thick brass **Auto ground clip:** Brass **Line contacts:** 0.031" thick 5-leaf brass, nickel plated **Ground contact:** Integral **Terminal screws:** #8-32 brass, neutral screw nickel plated **Ground screw:** #8-32 brass, green **Screw terminal guards:** PVC hinged doors **Illuminated models:** Long-life neon bulb	**Top housing:** Nylon **Bottom housing:** Nylon **Strap:** 0.05" thick galvanized steel **Auto ground clip:** Phosphor bronze **Line contacts:** 0.037" thick triple-wipe brass **Ground contact:** Riveted **Terminal screws:** #8-32 steel, brass plated, neutral screw nickel plated **Ground screw:** #8-32 steel, green **Screw terminal guards:** N/A **Illuminated models:** N/A

Compliances, specifications and availability are subject to change without notice.

All products on this page are RoHS compliant - Page Q-32

Hospital grade premium isolated ground receptacles

Product description

2-pole, 3-wire grounding
15A, 125V/AC;
20A, 125V/AC; 20A, 250V/AC
NEMA 5-15, 5-20, 6-20

Device type	Hospital grade premium isolated ground duplex receptacles: IG8200, IG8300, IG8400 series	Hospital grade premium decorator isolated ground duplex receptacles: IG8262, IG8362 series	Hospital grade premium isolated ground single receptacles: IG8210, IG8310 series
Wiring type	Back & side wire	Back & side wire	Back & side wire
Testing & code compliance	• Listed to UL498, file no. E15058 • UL verified to Fed Spec WC-596G • CSA certified to C22.2, no. 42, file no. 6914 (6233-01) • NOM certified	• Listed to UL498, file no. E15058 • UL verified to Fed Spec WC-596G • CSA certified to C22.2, no. 42, file no. 6914 (6233-01) • NOM certified	• Listed to UL498, file no. E15058 • UL verified to Fed Spec WC-596G • CSA certified to C22.2, no. 42, file no. 6914 (6233-01) • NOM certified
Environmental specifications	**Flammability:** Meets UL94 requirements; V2 rated **Temperature rating:** -20°C to 70°C (-4°F to 158°F)	**Flammability:** Meets UL94 requirements; V2 rated **Temperature rating:** -20°C to 70°C (-4°F to 158°F)	**Flammability:** Meets UL94 requirements; V2 rated **Temperature rating:** -40°C to 60°C (-40°F to 140°F)
Electrical specifications	**Dielectric voltage:** Withstands 2000V per UL498 **Current interrupting:** Yes, at full-rated current **Temperature rise:** Max. 30°C (86°F) after 250 cycles of overload @ 200% of rated current (DC)	**Dielectric voltage:** Withstands 2000V per UL498 **Current interrupting:** Yes, at full-rated current **Temperature rise:** Max. 30°C (86°F) after 250 cycles of overload @ 200% of rated current (DC)	**Dielectric voltage:** Withstands 2000V per UL498 **Current interrupting:** Yes, at full-rated current **Temperature rise:** Max. 30°C (86°F) after 250 cycles of overload @ 200% of rated current (DC)
Mechanical specifications	**Terminal accommodation:** #14 - #10 AWG **Voltage ratings:** Permanently marked on device	**Terminal accommodation:** #14 - #10 AWG **Voltage ratings:** Permanently marked on device	**Terminal accommodation:** #14 - #10 AWG **Voltage ratings:** Permanently marked on device
Materials	**Top housing:** Nylon **Bottom housing:** Glass-filled nylon **Strap:** 0.05" thick galvanized steel, 1-piece isolated ground shunt **Auto ground clip:** Brass **Line contacts:** 0.031" thick 5-leaf brass **Ground contact:** 1-piece isolated ground shunt **Terminal screws:** #8-32 brass, neutral screw nickel plated **Ground screw:** #8-32 brass, green **Screw terminal guards:** PVC hinged doors	**Top housing:** Nylon **Bottom housing:** Glass-filled nylon **Strap:** 0.05" thick galvanized steel, 1-piece isolated ground shunt **Auto ground clip:** Brass **Line contacts:** 0.031" thick 5-leaf brass **Ground contact:** 1-piece isolated ground shunt **Terminal screws:** #8-32 brass, neutral screw nickel plated **Ground screw:** #8-32 brass, green **Screw terminal guards:** PVC hinged doors	**Top housing:** Nylon **Bottom housing:** Glass-filled nylon **Strap:** 0.05" thick galvanized steel, 1-piece isolated grounding shunt **Auto ground clip:** Phosphor bronze **Line contacts:** 0.037" thick triple-wipe brass **Ground contact:** 1-piece isolated ground shunt **Terminal screws:** #8-32 steel, brass plated, neutral screw nickel plated **Ground screw:** #8-32 steel, green **Screw terminal guards:** N/A

Compliances, specifications and availability are subject to change without notice.

All products on this page are RoHS compliant - Page Q-32

Hospital grade receptacles specification & performance data

Hospital grade receptacles

Product description

2-pole, 3-wire grounding
15A, 125V/AC;
20A, 125V/AC
NEMA 5-15, 5-20

Device type	Hospital grade tamper resistant USB duplex receptacles: TR8255, TR8355 series	Hospital grade tamper resistant duplex receptacles: TR8200, TR8300 series	Hospital grade duplex receptacles: 8200, 8300 series	Hospital grade panel mount receptacles: 8210M, 8310M series
Wiring type	Wire leads	Back & side wire	Back & side wire	Back & side wire
Testing & code compliance	• cULus Listed to UL498 and UL1310, file no. E15058	• Listed to UL498 file no. E1505 • UL verified to Fed Spec WC-596G • NOM certified	• Listed to UL498, file no. E15058 • UL verified to Fed Spec WC-596G • CSA certified to C22.2, no. 42, file no. 6914 (6233-01) • NOM certified	• Listed to UL498 file no. E2369 • UL verified to Fed Spec WC-596G • CSA certified to C22.2, no. 42, file no. 6914 (6233-01) • NOM certified
Environmental specifications	**Flammability:** Meets UL94 requirements; V2 rated **Temperature rating:** -20°C to 60°C (-4°F to 140°F)	**Flammability:** Meets UL94 requirements; V2 rated **Temperature rating:** -20°C to 90°C (-4°F to 194°F)	**Flammability:** Meets UL94 requirements; V2 rated **Temperature rating:** -20°C to 90°C (-4°F to 194°F)	**Flammability:** Meets UL94 requirements; V2 rated **Temperature rating:** -40°C to 75°C (-40°F to 167°F)
Electrical specifications	**Dielectric voltage - AC output:** Receptacle withstands 2000V per UL498 **Current interrupting:** Yes, at full-rated current **Temperature rise - AC output:** Receptacle - max. 30°C (86°F) after 100 cycles of overload @ 150% of rated current (DC) **Switching frequency - DC output:** Typical 140 kHz **Output voltage - DC output: :** Nominal 5V (+/- 10%) **Protection - DC output:** Current limiting and thermal shutdown protection **Output current - DC output:** Constant current maximum 2.1A	**Dielectric voltage:** Withstands 2000V per UL498 **Current interrupting:** Yes, at full-rated current **Temperature rise:** Max. 30°C (86°F) after 250 cycles of overload @ 200% of rated current (DC)	**Dielectric voltage:** Withstands 2000V per UL498 **Current interrupting:** Yes, at full-rated current **Temperature rise:** Max. 30°C (86°F) after 250 cycles of overload @ 200% of rated current (DC)	**Dielectric voltage:** Withstands 2000V per UL498 **Current interrupting:** Yes, at full-rated current **Temperature rise:** Max. 30°C (86°F) after 250 cycles of overload @ 200% of rated current (DC)
Mechanical specifications	**Terminal accommodation:** Device can be wired using #14 or #12 AWG wires, three 6" pre-stripped wire leads for line, neutral and ground, #14AWG for TR8245 and #12AWG for TR8345 **Voltage ratings:** N/A	**Terminal accommodation:** #14 - #10 AWG **Voltage ratings:** Permanently marked on device	**Terminal accommodation:** #14 - #10 AWG **Voltage ratings:** Permanently marked on device	**Terminal accommodation:** #14 - #10 AWG **Voltage ratings:** Permanently marked on device
Materials	**Top housing:** PC **Bottom housing:** PC **Strap:** 0.045" thick steel, zinc plated **Auto ground clip:** Phosphor bronze **Line contacts:** 0.030" thick brass **Ground contact:** 0.014" thick brass **Terminal screws:** N/A **Ground screw:** N/A **Screw terminal guards:** N/A **Tamper resistant shutters:** Reliable Delrin® shutter assembly	**Top housing:** Nylon **Bottom housing:** PVC **Strap:** 0.05" thick steel, zinc plated **Auto ground clip:** Phosphor bronze **Line contacts:** 0.037" thick triple-wipe brass **Ground contact:** Riveted **Terminal screws:** #8-32 steel, neutral screw nickel plated **Ground screw:** #8-32 steel, green **Screw terminal guards:** N/A **Tamper resistant shutters:** Reliable Delrin® shutter assembly	**Top housing:** Nylon **Bottom housing:** PVC **Strap:** 0.045" thick steel, zinc plated **Auto ground clip:** Phosphor bronze **Line contacts:** 0.030" thick triple-wipe brass **Ground contact:** Riveted **Terminal screws:** #8-32 steel, brass plated, neutral screw nickel plated **Ground screw:** 8-32 brass, green **Screw terminal guards:** N/A **Tamper resistant shutters:** N/A	**Top housing:** Nylon **Bottom housing:** Nylon **Strap:** 0.05" thick nickel plated steel **Auto ground clip:** N/A **Line contacts:** 0.030" thick triple-wipe brass **Ground contact:** Riveted **Terminal screws:** #8-32 brass, neutral screw nickel plated **Ground screw:** #8-32 brass, green **Screw terminal guards:** N/A **Tamper resistant shutters:** N/A

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Compliances, specifications and availability are subject to change without notice.

All products on this page are RoHS compliant - Page Q-32

Industrial grade receptacles

Product description

2-pole, 3-wire grounding
15A, 125V/AC; 15A, 250V/AC
20A, 125V/AC; 20A, 250V/AC
NEMA 5-15, 6-15, 5-20, 6-20

Device type	Industrial grade premium duplex receptacles: AH5262, AH5362, AH5462, AH5662 series	Industrial grade premium decorator duplex receptacles: 6262, 6362, 6462, 6662 series	Industrial grade premium single receptacles: 5261, 5361, 5461, 5661 series
Wiring type	Back & side wire	Back & side wire	Back & side wire
Testing & code compliance	• Listed to UL498, file no. E15058 • UL verified to Fed Spec WC-596G • CSA certified to C22.2, no. 42, file no. 6914 (6233-01) • NOM certified	• Listed to UL498, file no. E15058 • UL verified to Fed Spec WC-596G • CSA certified to C22.2, no. 42, file no. 6914 (6233-01) • NOM certified	• Listed to UL498, file no. E15058 • UL verified to Fed Spec WC-596G • CSA certified to C22.2, no. 42, file no. 6914 (6233-01) • NOM certified
Environmental specifications	**Flammability:** Meets UL94 requirements; V2 rated **Temperature rating:** -20°C to 70°C (-4°F to 158°F)	**Flammability:** Meets UL94 requirements; V2 rated **Temperature rating:** -20°C to 70°C (-4°F to 158°F)	**Flammability:** Meets UL94 requirements; V2 rated **Temperature rating:** -20°C to 60°C (-4°F to 140°F)
Electrical specifications	**Dielectric voltage:** Withstands 2000V per UL498 **Current interrupting:** Yes, at full-rated current **Temperature rise:** Max. 30°C (86°F) after 250 cycles of overload @ 200% of rated current (DC)	**Dielectric voltage:** Withstands 2000V per UL498 **Current interrupting:** Yes, at full-rated current **Temperature rise:** Max. 30°C (86°F) after 250 cycles of overload @ 200% of rated current (DC)	**Dielectric voltage:** Withstands 2000V per UL498 **Current interrupting:** Yes, at full-rated current **Temperature rise:** Max. 30°C (86°F) after 250 cycles of overload @ 200% of rated current (DC)
Mechanical specifications	**Terminal accommodation:** #14 - #10 AWG **Voltage ratings:** Permanently marked on device	**Terminal accommodation:** #14 - #10 AWG **Voltage ratings:** Permanently marked on device	**Terminal accommodation:** #14 - #10 AWG **Voltage ratings:** Permanently marked on device
Materials	**Top housing:** Nylon **Bottom housing:** Glass-filled nylon **Strap:** 0.05" thick brass **Auto ground clip:** Brass **Line contacts:** 0.031" thick 5-leaf brass **Ground contact:** Integral **Terminal screws:** #8-32 brass, neutral screw nickel plated **Ground screw:** #8-32 brass, green **Screw terminal guards:** PVC hinged doors	**Top housing:** Nylon **Bottom housing:** Glass-filled nylon **Strap:** 0.05" thick galvanized steel, 1-piece ground shunt **Auto ground clip:** Brass **Line contacts:** 0.031" thick 5-leaf brass **Ground contact:** 1-piece brass ground shunt **Terminal screws:** #8-32 brass, neutral screw nickel plated **Ground screw:** #8-32 brass, green **Screw terminal guards:** PVC hinged doors	**Top housing:** Nylon **Bottom housing:** Nylon **Strap:** 0.05" thick steel, zinc plated **Auto ground clip:** Phosphor bronze **Line contacts:** 0.037" thick triple wipe brass **Ground contact:** Riveted **Terminal screws:** #8-32 steel, brass plated, neutral screw nickel plated **Ground screw:** #8-32 steel, green **Screw terminal guards:** N/A

Industrial grade receptacles specification & performance data

Industrial grade receptacles

Product description

2-pole, 3-wire grounding
15A, 125V/AC; 20A, 125V/AC; 15A, 250V/AC
20A 250V/AC; 15A, 277V/AC
NEMA 5-15, 5-20, 6-15, 6-20, 7-15

Device type	Industrial grade premium isolated ground duplex receptacles: AHIG5262, AHIG5362, AHIG5462, AHIG5662 series	Industrial grade premium isolated ground single receptacles: IG5261, IG5361, IG5461, IG5661 series	Industrial grade duplex receptacles: AH5252, AH5352, 5302	Industrial grade duplex & decorator duplex receptacles: 6342
Wiring type	Back & side wire	Back & side wire	Back & side wire	Side wire only
Testing & code compliance	• Listed to UL498, file no. E15058 • UL verified to Fed Spec WC-596G • CSA certified to C22.2, no. 42, file no. 6914 (6233-01) • NOM certified	• Listed to UL498, file no. E2369 • CSA certified to C22.2, no. 42, file no. 6914 (6233-01) • NOM certified	• Listed to UL498, file no. E15058 • UL verified to Fed Spec WC-596G • CSA certified to C22.2, no. 42, file no. 6914 (6233-01) • NOM certified	• Listed to UL498, file no. E15058 • UL verified to Fed Spec WC-596G • CSA certified to C22.2, no. 42, file no. 6914 (6233-01) • NOM certified
Environmental specifications	**Flammability:** Meets UL94 requirements; V2 rated **Temperature rating:** -20°C to 70°C (-4°F to 158°F)	**Flammability:** Meets UL94 requirements; V2 rated **Temperature rating:** -20°C to 70°C (-4°F to 158°F)	**Flammability:** Meets UL94 requirements; V2 rated **Temperature rating:** -20°C to 70°C (-4°F to 158°F)	**Flammability:** Meets UL94 requirements; V2 rated **Temperature rating:** -20°C to 70°C (-4°F to 158°F)
Electrical specifications	**Dielectric voltage:** Withstands 2000V per UL498 **Current interrupting:** Yes, at full-rated current **Temperature rise:** Max. 30°C (86°F) after 250 cycles of overload @ 200% of rated current (DC)	**Dielectric voltage:** Withstands 2000V per UL498 **Current interrupting:** Yes, at full-rated current **Temperature rise:** Max. 30°C (86°F) after 250 cycles of overload @ 200% of rated current (DC)	**Dielectric voltage:** Withstands 2000V per UL498 **Current interrupting:** Yes, at full-rated current **Temperature rise:** Max. 30°C (86°F) after 250 cycles of overload @ 200% of rated current (DC)	**Dielectric voltage:** Withstands 2000V per UL498 **Current interrupting:** Yes, at full-rated current **Temperature rise:** Max. 30°C (86°F) after 250 cycles of overload @ 200% of rated current (DC)
Mechanical specifications	**Terminal accommodation:** #14 - #10 AWG **Voltage ratings:** Permanently marked on device	**Terminal accommodation:** #14 - #10 AWG **Voltage ratings:** Permanently marked on device	**Terminal accommodation:** #14 - #10 AWG **Voltage ratings:** Permanently marked on device	**Terminal accommodation:** #14 - #10 AWG **Voltage ratings:** Permanently marked on device
Materials	**Top housing:** Nylon **Bottom housing:** Glass-filled nylon **Strap:** 0.05" thick steel, 1-piece ground shunt **Auto ground clip:** Brass **Line contacts:** 0.031" thick 5-leaf brass **Ground contact:** 1-piece isolated ground shunt **Terminal screws:** #8-32 brass, neutral screw nickel plated **Ground screw:** #8-32 brass, green **Screw terminal guards:** PVC hinged doors	**Top housing:** Nylon **Bottom housing:** Nylon **Strap:** 0.05" thick steel **Auto ground clip:** Phosphor bronze **Line contacts:** Triple wipe brass **Ground contact:** 1-piece isolated ground shunt **Terminal screws:** #8-32 brass, neutral screw nickel plated **Ground screw:** #8-32 brass, green **Screw terminal guards:** N/A	**Top housing:** Nylon **Bottom housing:** Nylon **Strap:** 0.05" thick galvanized steel, 1-piece ground shunt **Auto ground clip:** Brass **Line contacts:** 0.031" thick 5-leaf brass **Ground contact:** 1-piece ground shunt **Terminal screws:** #8-32 brass, neutral screw nickel plated **Ground screw:** #8-32 brass, green **Screw terminal guards:** N/A	**Top housing:** Nylon **Bottom housing:** PVC **Strap:** 0.05" thick galvanized steel **Auto ground clip:** Brass **Line contacts:** Triple wipe brass **Ground contact:** Riveted **Terminal screws:** #8-32 steel, brass plated, neutral screw nickel plated **Ground screw:**#8-32 steel, green **Screw terminal guards:** PVC hinged doors

Compliances, specifications and availability are subject to change without notice.

All products on this page are RoHS compliant - Page Q-32

Industrial & construction grade receptacles

Product description

2-pole, 3-wire grounding
15A, 125V/AC; 15A, 250V/AC;
20A, 125V/AC; 20A, 250V/AC
NEMA 5-15, 6-15, 5-20, 6-20

Device type	Industrial grade single receptacles: 834	Industrial grade panel mount receptacles: 5284, AH5684	Construction grade duplex receptacles: 5262, 5362	Construction grade duplex receptacles: 5462C, 5662C	Construction grade isolated ground duplex receptacles: IG5262, IG5362
Wiring type	Side wire only	Back & side wire	Back & side wire	Back & side wire	Back & side wire
Testing & code compliance	• Listed to UL498, file no. E21369 • UL verified to Fed Spec WC-596G • CSA certified to C22.2, no. 42, file no. 6914 (6233-01) • NOM certified	• Listed to UL498, file no. E21369 • UL verified to Fed Spec WC-596G • CSA certified to C22.2, no. 42, file no. 7087, except for 5484 and 5284	• Listed to UL498, file no. E15058 • UL verified to Fed Spec WC-596G • CSA certified to C22.2, no. 42, file no. 6914 (6233-01) • NOM certified	• Listed to UL498, file no. E15058 • UL verified to Fed Spec WC-596G • CSA certified to C22.2, no. 42, file no. 6914 (6233-01) • NOM certified except 5662C	• Listed to UL498, file no. E15058 • UL verified to Fed Spec WC-596G • CSA certified to C22.2, no. 42, file no. 6914 (6233-01) • NOM certified
Environmental specifications	**Flammability:** Meets UL94 requirements; V2 rated **Temperature rating:** -20°C to 70°C (-4°F to 158°F)	**Flammability:** Meets UL94 requirements; V2 rated **Temperature rating:** -20°C to 70°C (-4°F to 158°F)	**Flammability:** Meets UL94 requirements; V2 rated **Temperature rating:** -20°C to 70°C (-4°F to 158°F)	**Flammability:** Meets UL94 requirements; V2 rated **Temperature rating:** -20°C to 70°C (-4°F to 158°F)	**Flammability:** Meets UL94 requirements; V2 rated **Temperature rating:** -20°C to 70°C (-4°F to 158°F)
Electrical specifications	**Dielectric voltage:** Withstands 2000V per UL498 **Current interrupting:** Yes, at full-rated current **Temperature rise:** Max. 30°C (86°F) after 250 cycles of overload @ 200% of rated current (DC)	**Dielectric voltage:** Withstands 2000V per UL498 **Current interrupting:** Yes, at full-rated current **Temperature rise:** Max. 30°C (86°F) after 250 cycles of overload @ 200% of rated current (DC)	**Dielectric voltage:** Withstands 2000V per UL498 **Current interrupting:** Yes, at full-rated current **Temperature rise:** Max. 30°C (86°F) after 250 cycles of overload @ 200% of rated current (DC)	**Dielectric voltage:** Withstands 2000V per UL498 **Current interrupting:** Yes, at full-rated current **Temperature rise:** Max. 30°C (86°F) after 250 cycles of overload @ 200% of rated current (DC)	**Dielectric voltage:** Withstands 2000V per UL498 **Current interrupting:** Yes, at full-rated current **Temperature rise:** Max. 30°C (86°F) after 250 cycles of overload @ 200% of rated current (DC)
Mechanical specifications	**Terminal accommodation:** #14 - #10 AWG **Voltage ratings:** Permanently marked on device	**Terminal accommodation:** #14 - #10 AWG **Voltage ratings:** Permanently marked on device	**Terminal accommodation:** #14 - #10 AWG **Voltage ratings:** Permanently marked on device	**Terminal accommodation:** #14 - #10 AWG **Voltage ratings:** Permanently marked on device	**Terminal accommodation:** #14 - #10 AWG **Voltage ratings:** Permanently marked on device
Materials	**Top housing:** Nylon **Bottom housing:** Nylon **Strap:** 0.05" thick galvanized steel **Auto ground clip:** Phosphor bronze **Line contacts:** 0.037" thick triple wipe brass **Ground contact:** Riveted **Terminal screws:** #8-32 steel, brass plated, neutral screw nickel plated **Ground screw:** #8-32 steel, green	**Top housing:** Nylon **Bottom housing:** Nylon **Strap:** 0.05" thick nickel plated steel **Auto ground clip:** N/A **Line contacts:** 0.031" thick 5-leaf Brass **Ground contact:** Riveted **Terminal screws:** #8-32 brass, neutral screw nickel plated **Ground screw:** #8-32 brass, green	**Top housing:** Nylon **Bottom housing:** PVC **Strap:** 0.05" thick galvanized steel **Auto ground clip:** Phosphor bronze **Line contacts:** 0.030" thick triple wipe brass **Ground contact:** Riveted **Terminal screws:** #8-32 steel, brass plated, neutral screw nickel plated **Ground screw:** #8-32 brass, green	**Top housing:** Nylon **Bottom housing:** PVC **Strap:** 0.05" thick galvanized steel **Auto ground clip:** Phosphor bronze **Line contacts:** 0.030" thick triple wipe brass **Ground contact:** Riveted **Terminal screws:** #8-32 steel, brass plated, neutral screw nickel plated **Ground screw:** #8-32 steel, green	**Top housing:** Nylon **Bottom housing:** Nylon **Strap:** 0.05" thick steel, 1-piece ground shunt **Auto ground clip:** Brass **Line contacts:** 0.03" thick brass **Ground contact:** 1-piece isolated ground shunt **Terminal screws:** #8-32 steel, brass plated **Ground screw:** #8-32 steel, zinc plated, green

Construction and commercial grade receptacles specification & performance data

Construction & commercial grade receptacles

Product description

2-pole, 3-wire grounding
15A, 125V/AC;
20A, 125V/AC
NEMA 5-15, 5-20

Device type	Construction grade tamper resistant duplex & decorator duplex: TR5200, TR5300, TR6200, TR6300 (TR TAMPER RESISTANT)	Commercial grade tamper resistant duplex: TRBR series TRCR series (TR TAMPER RESISTANT)	Commercial grade tamper resistant single receptacles: TR1877, TR817 series (TR TAMPER RESISTANT)	Commercial grade tamper & weather resistant duplex receptacles: TWRBR series (TWR TAMPER & WEATHER RESISTANT)	Commercial grade weather resistant duplex receptacles: WRBR series (WR WEATHER RESISTANT)
Wiring type	Back & side wire	Back & side wire (TRBR) Side wire (TRCR)	Side wire only	Back & side wire	Back & side wire
Testing & code compliance	• cULus Listed to UL498, file no. E15058 • UL verified to Fed Spec WC-596/12-1 • NOM/ANSI certified	• cULus Listed to UL498, file no. E15058 • UL verified to Fed Spec WC-596G (TRBR) • NOM Listed	• cULus Listed to UL498, file no. E15058 • NOM/ANSI certified	• cULus Listed to UL498, file no. E15058 • UL verified to Fed Spec WC-596 • NOM/ANSI certified	• cULus Listed to UL498, file no. E15058 • UL verified to Fed Spec WC-596G • NOM/ANSI certified
Environmental specifications	**Flammability:** Meets UL94 requirements; V2 rated **Temperature rating:** -20°C to 70°C (-4°F to 158°F)	**Flammability:** Meets UL94 requirements; V2 rated **Temperature rating:** -20°C to 60°C (-4°F to 140°F)	**Flammability:** Meets UL94 requirements; V2 rated **Temperature rating:** -20°C to 70°C (-4°F to 158°F)	**Flammability:** Meets UL94 requirements; V2 rated **Temperature rating:** -20°C to 70°C (-4°F to 158°F)	**Flammability:** Meets UL94 requirements; V2 rated **Temperature rating:** -20°C to 70°C (-4°F to 158°F)
Electrical specifications	**Dielectric voltage:** Withstands 2000V per UL498 **Current interrupting:** Yes, at full-rated current **Temperature rise:** Max. 30°C (86°F) after 250 cycles of overload @ 200% of rated current (DC)	**Dielectric voltage:** Withstands 2000V per UL498 **Current interrupting:** Yes, at full-rated current **Temperature rise:** Max. 30°C (86°F) after 250 cycles of overload @ 200% of rated current (DC)	**Dielectric voltage:** Withstands 2000V per UL498 **Current interrupting:** Yes, at full-rated current **Temperature rise:** Max. 30°C (86°F) after 100 cycles of overload @ 150% of rated current (DC)	**Dielectric voltage:** Withstands 2000V per UL498 **Current interrupting:** Yes, at full-rated current **Temperature rise:** Max. 30°C (86°F) after 250 cycles of overload @ 200% of rated current (DC)	**Dielectric voltage:** Withstands 2000V per UL498 **Current interrupting:** Yes, at full-rated current **Temperature rise:** Max. 30°C (86°F) after 250 cycles of overload @ 200% of rated current (DC)
Mechanical specifications	**Terminal accommodation:** #14 - #10 AWG **Voltage ratings:** Permanently marked on device	**Terminal accommodation:** #14 - #10 AWG **Voltage ratings:** Permanently marked on device	**Terminal accommodation:** #14 - #10 AWG **Voltage ratings:** Permanently marked on device	**Terminal accommodation:** #14 - #10 AWG **Voltage ratings:** Permanently marked on device	**Terminal accommodation:** #14 - #10 AWG **Voltage ratings:** Permanently marked on device
Materials	**Top housing:** PVC **Bottom housing:** PVC **Strap:** 0.050" thick galvanized steel **Auto ground clip:** Phosphor bronze **Line contacts:** 0.037" thick triple wipe brass **Ground contact:** Riveted **Terminal screws:** Terminal: #8-32 brass, neutral screw nickel plated **Ground screw:** Ground: #8-32 brass, green **Tamper resistant shutters:** Reliable Delrin® shutter assembly	**Top housing:** PVC **Bottom housing:** PVC **Strap:** 0.040" thick galvanized steel **Auto ground clip:** Phosphor bronze **Line contacts:** 0.031" thick brass **Ground contact:** 0.031" thick, secured to strap via staking **Terminal screws:** Terminal: #8-32 brass, neutral screw nickel plated **Ground screw:** Ground: #8-32 brass, green **Tamper resistant shutters:** Reliable Delrin® shutter assembly	**Top housing:** PVC **Bottom housing:** PVC **Strap:** 0.040" thick galvanized steel **Auto ground clip:** Brass **Line contacts:** 0.03" thick triple wipe brass **Ground contact:** Riveted **Terminal screws:** Terminal: #8-32 brass, neutral screw nickel plated **Ground screw:** Ground: #8-32 brass, green **Tamper resistant shutters:** Reliable Delrin® shutter assembly	**Top housing:** Nylon **Bottom housing:** Nylon **Strap:** 0.050" thick steel, nickel plated **Auto ground clip:** Phosphor bronze **Line contacts:** 0.03" thick triple wipe brass **Ground contact:** Riveted **Terminal screws:** Terminal: #8-32 brass, neutral screw nickel plated **Ground screw:** Ground: #8-32 brass, green **Tamper resistant shutters:** Reliable Delrin® shutter assembly	**Top housing:** Nylon **Bottom housing:** PVC **Strap:** 0.050" thick steel, nickel plated **Auto ground clip:** Phosphor bronze **Line contacts:** 0.03" thick triple wipe brass **Ground contact:** Riveted **Terminal screws:** Terminal: #8-32 brass, neutral screw nickel plated **Ground screw:** Ground: #8-32 brass, green **Tamper resistant shutters:** N/A

Compliances, specifications and availability are subject to change without notice.

All products on this page are RoHS compliant - Page Q-32

Commercial grade receptacles

Product description

2-pole, 3-wire grounding
15A, 125V/AC;
20A, 125V/AC
NEMA 5-15, 5-20

Device type	Commercial grade duplex and decorator duplex receptacles: BR, 6200, 6300, 6400 series	Commercial grade duplex receptacles CR series	Commercial grade receptacles: 800, 1800 series	Snap-in receptacles: 49, 67, 4049, 4067, 4070 series
Wiring type	Back & side wire	Side wire only	Side wire only	Wire leads & quick connect
Testing & code compliance	• cULus Listed to UL498, file no. E15058 • BR series only: UL verified to Fed Spec. WC-596G • CSA certified to 22.2, no 42, file no. 6914 (6233-01) • NOM/ANSI certified	• cULus Listed to UL498 file no. E15058 • UL verified to Fed Spec WC-596G • NOM certified	• Listed to UL498, file no. E15058 • CSA certified to 22.2, no 42, file no. 6914 (6233-01) • NOM/ANSI certified	• UR (UL Recognized) • CSA certified to C22.2, no. 42, file no. 6914 (6233-01) • NOM certified
Environmental specifications	**Flammability;** Meets UL94 requirements; V2 rated **Temperature rating:** -20°C to 70°C (-4°F to 158°F)	**Flammability;** Meets UL94 requirements; V2 rated **Temperature rating:** -20°C to 60°C (-4°F to 140°F)	**Flammability;** Meets UL94 requirements; V2 rated **Temperature rating:** -20°C to 70°C (-4°F to 158°F)	**Flammability;** Meets UL94 requirements; V2 rated **Temperature rating:** -20°C to 70°C (-4°F to 158°F)
Electrical specifications	**Dielectric voltage:** Withstands 2000V per UL498 **Current interrupting:** Yes, at full-rated current **Temperature rise:** Max. 30°C (86°F) after 250 cycles of overload @ 200% of rated current (DC)	**Dielectric voltage:** Withstands 2000V per UL498 **Current interrupting:** Yes, at full-rated current **Temperature rise:** Max. 30°C (86°F) after 250 cycles of overload @ 200% of rated current (DC)	**Dielectric voltage:** Withstands 2000V per UL498 **Current interrupting:** Yes, at full-rated current **Temperature rise:** Max. 30°C (86°F) after 100 cycles of overload @ 150% of rated current (DC)	**Dielectric voltage:** Withstands 2000V per UL498 **Current interrupting:** Yes, at full-rated current **Temperature rise:** Max. 30°C (86°F) after 100 cycles of overload @ 150% of rated current (DC)
Mechanical specifications	**Terminal accommodation:** #14 - #10 AWG **Voltage ratings:** Permanently marked on device	**Terminal accommodation:** #14 - #10 AWG **Voltage ratings:** Permanently marked on device	**Terminal accommodation:** #14 - #10 AWG **Voltage ratings:** Permanently marked on device	**Terminal accommodation:** #14 - #12 AWG **Voltage ratings:** Permanently marked on device
Materials	**Top housing:** Nylon **Bottom housing:** PVC **Strap:** 0.045" thick galvanized steel **Auto ground clip:** Phosphor bronze **Line contacts:** 0.03" thick brass **Ground contact:** Riveted **Terminal screws:** #8-32 steel, brass plated, neutral screw nickel plated **Ground screw:** #8-32 steel, green	**Top housing:** PVC **Bottom housing:** PVC **Strap:** 0.040" thick galvanized steel **Auto ground clip:** Phosphor bronze **Line contacts:** 0.03" thick brass **Ground contact:** Riveted **Terminal screws:** #8-32 brass plated, neutral screw nickel plated **Ground screw:** #8-32 steel, green	**Top housing:** Nylon **Bottom housing:** Nylon **Strap:** 0.045" thick galvanized steel **Auto ground clip:** Brass **Line contacts:** 0.03" thick brass **Ground contact:** Riveted **Terminal screws:** #8-32 steel, brass plated, neutral screw nickel plated **Ground screw:** #8-32 steel, green	**Top housing:** Urea **Bottom housing:** Polypropylene **Strap:** 0.030" thick steel **Auto ground clip:** N/A **Line contacts:** 0.032" thick brass **Ground contact:** Screw down **Terminal screws:** N/A **Ground screw:** #6-32 brass, green

Compliances, specifications and availability are subject to change without notice.

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Commercial grade receptacles specification & performance data

Commercial grade receptacles

Product description

2-pole, 3-wire grounding
15A, 125V/AC;
20A, 125V/AC
NEMA 5-15, 5-20

Device Type	Commercial grade USB duplex receptacle: TR7755, TR7756	Commercial grade USB charging station: 7750
Wiring Type	Wire Leads	Wire leads
Testing & code compliance	• cULus Listed to UL498 and UL1310, File no. E15058	• UL Listed to UL 1310, File no. E362460
Environmental specifications	**Flammability:** Meets UL94 requirements; 5V rated **Temperature rating:** -20°C to 60°C (-4°F to 140°F)	**Flammability:** Meets UL94 requirements; 5V rated **Temperature rating:** -20°C to 60°C (-4°F to 140°F)
Electrical specifications		
AC output	**Dielectric voltage:** Receptacle withstands 2000V per UL498 **Current interrupting:** Yes, at full-rated current **Temperature rise:** Receptacle - Max. 30°C (86°F) after 100 cycles of overload @ 150% of rated current (DC)	**Dielectric voltage:** N/A **Current interrupting:** N/A **Temperature rise:** N/A
DC output	**Switching frequency:** Typical 140 kHz **Output voltage:** Nominal 5V (+/- 10%) **Protection:** Current limiting **Output current:** Constant current maximum 2.1A	**Switching frequency:** Typical 1.8 kHz to > 25 kHz, load dependent **Output voltage:** Nominal 5V (+/- 5%) **Protection:** Current limiting **Output current:** Constant current maximum 2.5A per dual port
AC input	**Input current:** 120V/AC, 60Hz, 0.25A max	**Input current:** 120V/AC, 60Hz, 0.45A max
Mechanical specifications	**Terminations:** Device can be wired using #14 or #12 AWG wires, three 6" pre-stripped #14 AWG wire leads for line, neutral and #12 AWG ground **Voltage ratings:** Permanently marked on device	**Terminations:** Device can be wired using #14 or #12 AWG wires, three 6" pre-stripped #14 AWG wire leads for line, neutral and #12 AWG ground **Voltage ratings:** Permanently marked on device
Materials	**Top housing:** PC **Bottom housing**: PC **Strap:** 0.045" thick galvanized steel, zinc plated **Auto ground clip:** Phosphor bronze **Line contacts:** 0.03" thick brass **Ground contact:** Riveted **Terminal screws:** N/A **Ground screw:** N/A	**Top housing:** PC **Bottom housing** PC **Strap:** 0.045" thick steel, zinc plated **Auto ground clip:** Phosphor bronze **Line contacts:** N/A **Ground contact:** N/A **Terminal screws:** N/A **Ground screw:** N/A

Compliances, specifications and availability are subject to change without notice.

All products on this page are RoHS compliant - Page Q-32

Industrial grade corrosion resistant & watertight receptacles

Product description

2-pole, 3-wire grounding
15A, 125V/AC; 15A, 250V/AC;
20A, 125V/AC; 20A, 250V/AC
NEMA 5-15, 6-15, 5-20, 6-20

Device type	Corrosion resistant receptacles, straight blade: AH5262CR, AH5362CR	Watertight receptacles, straight blade: 60W47, 60W49, 60W33, 60W48
Wiring type	Back & side wire	Back wire only
Testing & code compliance	• Listed to UL498, file no. E15058 • UL verified to Fed Spec WC-596G • CSA certified to C22.2, no. 42, file no. 6914 (6233-01) • NOM certified	• Listed to UL498, file no. E2369 • cUL Listed to CAN/CSA C22.2 no. 42-99
Environmental specifications	**Flammability:** Meets UL94 requirements; V2 rated **Temperature rating:** -20°C to 70°C (-4°F to 158°F) **Protection:** N/A **High pressure water test:** N/A	**Flammability:** Meets UL94 requirements; V2 rated **Temperature rating:** -40°C to 75°C (-40°F to 167°F) **Protection:** NEMA Type 3, 3R, 4, 4X, 12 & IP66 **High pressure water test:** 1000 psi spray (mated or closed)
Electrical specifications	**Dielectric voltage:** Withstands 2000V per UL498 **Current interrupting:** Yes, at full-rated current **Temperature rise:** Max. 30°C (86°F) after 100 cycles of overload	**Dielectric voltage:** Withstands 1554V per UL498 **Current interrupting:** Yes, at full-rated current **Temperature rise:** Max. 30°C (86°F) after 250 cycles of overload
Mechanical specifications	**Terminal accommodation:** #14 - #10 AWG **Voltage ratings:** Permanently marked on device	**Terminal accommodation:** #18 - #10 AWG **Voltage ratings:** Permanently marked on device
Materials	**CR receptacle face:** Nylon **CR receptacle base:** Glass-filled nylon **WT receptacle flip lid cover & base:** N/A **WT receptacle cover spring:** N/A **WT receptacle lid liner & mounting gasket:** N/A **WT receptacle, interior body:** N/A **WT receptacle, terminal retainer:** N/A **Strap:** 0.050" thick brass, nickel plated **Auto ground clip:** Brass, nickel plated **Line contacts:** .031" thick brass, nickel plated; 5-leaf **Ground contact:** Integral **Terminal clamps:** Steel, nickel plated **Terminal screws:** #8-32 brass, neutral screw nickel plated **Ground screw:** #8-32 steel, zinc plated, green **Assembly/mounting screws:** Steel **Screw terminal guards:** PVC hinged doors **Receptacle mounting plate:** N/A	**CR receptacle face:** N/A **CR receptacle base:** N/A **WT receptacle flip lid cover & base:** Glass-filled nylon **WT receptacle cover spring:** Stainless steel, self-closing **WT receptacle lid liner & mounting gasket:** Santoprene thermoplastic elastomeric **WT receptacle, interior body:** Glass-filled nylon **WT receptacle, terminal retainer:** Clear lexan **Strap:** N/A **Auto ground clip:** N/A **Line contacts:** .031" thick triple wipe brass, nickel plated **Ground contact:** Riveted **Terminal clamps:** Steel, nickel plated **Terminal screws:** #8-32 brass, neutral screw nickel plated **Ground screw:** #8-32 brass, green **Assembly/mounting screws:** Stainless steel **Screw terminal guards:** N/A **Receptacle mounting plate:** Stainless steel

Compliances, specifications and availability are subject to change without notice.

All products on this page are RoHS compliant - Page Q-32

ArrowLink modular receptacles specification & performance data

Arrowlink plugs & connectors

Product description

2-pole, 3-wire grounding
15A, 125V/AC; 15A, 250V/AC;
20A, 125V/AC; 20A 250V/AC
NEMA 5-15, 6-15, 5-20, 6-20

Device type	ArrowLink plugs & connectors: MCR125 series, MCR250 series, MCR300 series
Wiring type	Integral wire leads, crimped & resistance welded
Testing & code compliance	• Plug & connector cULus Listed to UL2459 file no. E325188
Environmental specifications	**Flammability:** Meets UL94 requirements; V2 rated **Temperature rating:** -20°C to 70°C (-4°F to 158°F)
Electrical specifications	**Maximum working voltage** 300V / AC **Overload:** 52.5A / AC for 10 cycles **Temperature rise:** Max. 50°C (122°F) while conducting 35A after 10 cycles of overload @ 52.5A / AC **Dielectric voltage:** Withstands 1600V per UL2459 **Maximum continuous current:** 20A **Current interrupting:** Limited cycles at full-rated current
Mechanical specifications	**Wire Leads:** #12 AWG **Voltage ratings:** Permanently marked on device
Materials	Polycarbonate Copper alloy Solid or stranded THHN #12 AWG

Compliances, specifications and availability are subject to change without notice.

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SECTION
B

Straight Blade Plugs & Connectors

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20A, 125 V/AC	NEMA 5-20	B-8
15A, 250 V/AC	NEMA 6-15	B-9
20A, 250 V/AC	NEMA 6-20	B-9

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2-pole, 3-wire	Rating	
15A, 125 V/AC	NEMA 5-15	B-10
20A, 125 V/AC	NEMA 5-20	B-11
15A, 250 V/AC	NEMA 6-15	B-11
20A, 250 V/AC	NEMA 6-20	B-12
20A, 277 V/AC	NEMA 7-20	B-13

3-pole, 3-wire	Rating	
20A, 125/250 V/AC	NEMA 10-20	B-13

4-pole, 4-wire	Rating	
20A, 120/208 V/AC	NEMA 18-20	B-13

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2-pole, 2-wire	Rating	
15A, 125 V/AC	NEMA 1-15	B-14
15A, 125 V/AC	NEMA 5-15	B-14

2-pole, 3-wire	Rating	
20A, 125 V/AC	NEMA 5-20	B-15

2-pole, 2-wire	Rating	
15A, 250 V/AC	NEMA 6-15	B-15
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Plug and connector families

Straight blade plugs & connectors for any application

Arrow Hart's extensive offering of straight blade plugs and connectors cover the full range of hospital, industrial and commercial specification grades for applications where quality and durability are critical

Hospital specification grade plugs & connectors

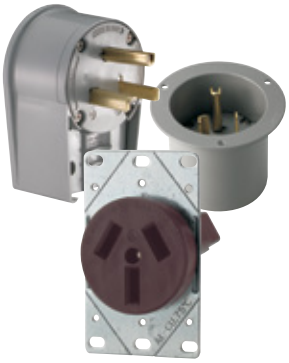
Built to meet and exceed UL Federal specification and hospital grade testing, Arrow Hart's hospital grade plugs and connectors assure reliable performance in the most demanding healthcare applications.

Industrial specification grade plugs, connectors, flanged inlets & outlets

With a variety of styles including safety grip, auto grip and quick grip, these devices are designed to install quickly and easily and provide reliable performance in tough industrial environments.

Commercial specification grade straight blade plugs & connectors

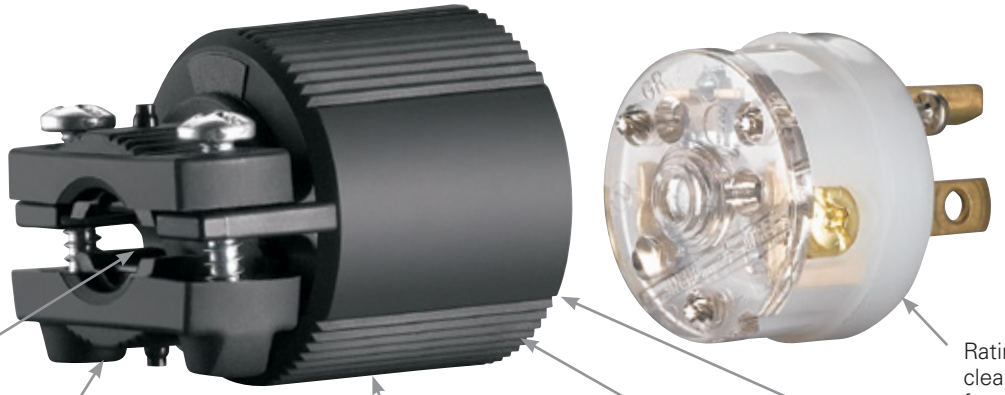
Designed for commercial applications, where ease-of-use, value and quality are critical.



Specification grade straight blade power devices

Heavy duty design and construction make Arrow Hart power devices ideal for any high amperage industrial or commercial power connectivity application.

Safety grip hospital grade plugs & connectors features & benefits



Neoprene gasket seals around cord for added terminal protection from external elements

Dual range cord grip provides positive cord gripping while limiting strain on conductors

Rugged nylon body resists impact and exposure to chemicals

Rating information clearly marked on face of device

Wiring chamber provides generous space for wiring

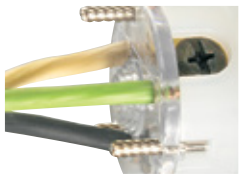
Textured surface allows for easy grip and handling

Safety grip hospital grade devices exceed federal spec. and hospital grade testing for use in demanding healthcare environments

Clear terminal cover allows for easy inspection of conductors and terminations

Retained quick drive assembly screws speed installation

Four position angled plug option is ideal for applications requiring power cord to lay close to walls and floors

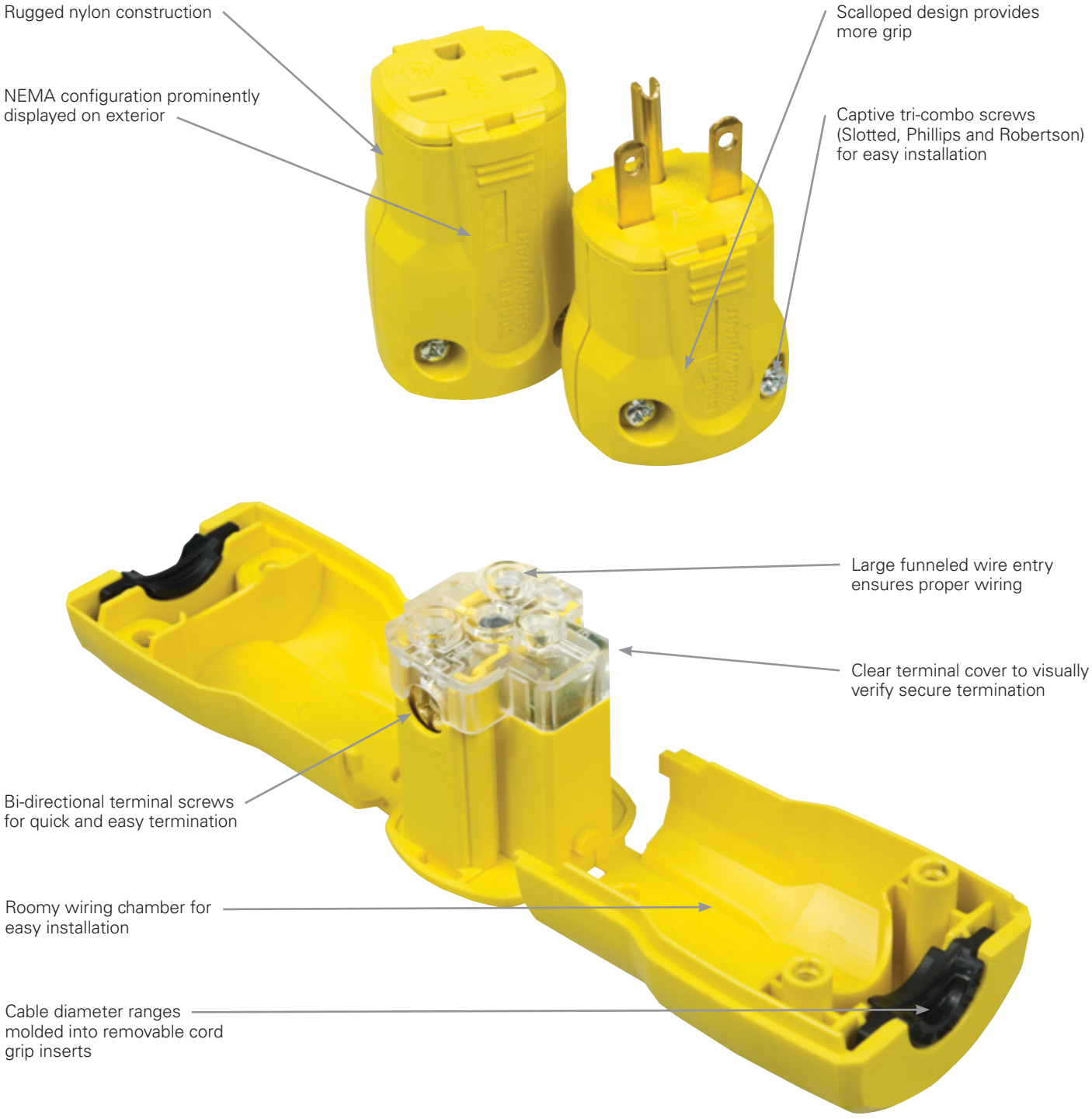


Tapered, individual wire pockets guide stranded wire into contact area for ease of installation

Multiple-head drive screws provide versatility for ease of use

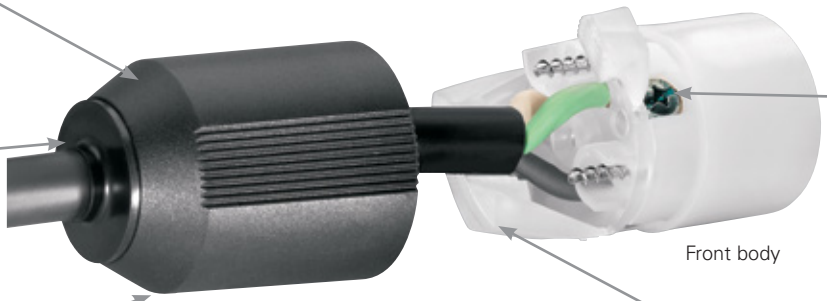
Compliances, specifications and availability are subject to change without notice.

Quick grip hospital and industrial grade plugs & connectors features & benefits



Compliances, specifications and availability are subject to change without notice.

Auto grip hospital and industrial grade plugs & connectors features & benefits



Auto grip hospital grade devices exceed federal spec. and hospital grade testing for use in demanding healthcare environments

Unique clamp design secures cord during assembly, reducing installation time

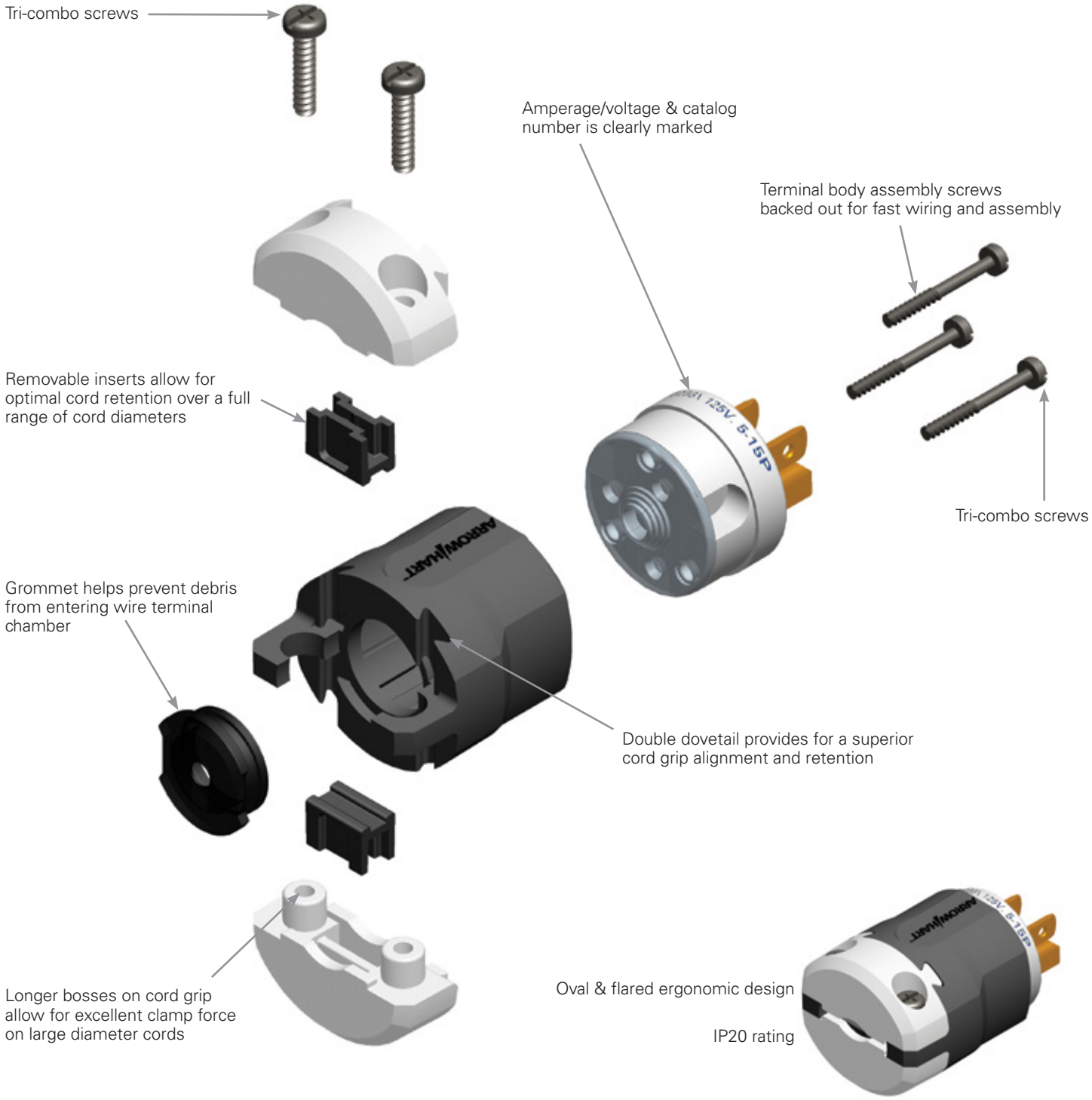
Retained quick drive assembly screws speed installation

Multiple-head drive screws provide versatility for ease of use

Tapered, individual wire pockets guide stranded wire into contact area for ease of installation

Compliances, specifications and availability are subject to change without notice.

Arrow Hart industrial grade ultra grip straight blade plugs & connectors redesign



Compliances, specifications and availability are subject to change without notice.

Industrial grade plugs & connectors quick reference guide

AMP	V/AC	NEMA	Grip	Special	Body	Color	Page	Plug	Connector
15	125	5-15P	ULTRA		STR	BK & W	B-10	AH5266	AH5269
					STR	BK	B-10	AH5266BK	AH5269BK
				HG	STR	BK & W	B-8	AH8215HG	AH8219HG
		5-15R	SAFETY		ANG	BK & W	B-10	AH5266A	—
				HG	ANG	BK & W	B-8	AH8215HGA	—
				HG	ANG	C	B-8	AH8215HGAC	—
				HG	STR	C	B-8	AH8215HGC	AH8219HGC
			QUICK		STR	BK	B-10	AH5965BK	AH5969BK
					STR	Y	B-10	AH5965Y	AH5969Y
				HG	STR	W	B-8	AH8115W	AH8119W
			AUTO		STR	BK & W	B-10	5266N	5269N
				HG	STR	BK & W	B-8	5266NHG	5269NHG
				HG	STR	RN	B-8	IG5266NHG	—
20	125	5-20P	ULTRA		STR	BK & W	B-11	AH5366	AH5369
				HG	STR	BK & W	B-8	AH8315HG	AH8319HG
			SAFETY	HG	ANG	BK & W	B-8	AH8315HGA	—
		5-20R		HG	ANG	C	B-8	AH8315HGAC	—
			QUICK		STR	BK	B-11	AH5364BK	AH5369BK
					STR	Y	B-11	AH5364Y	AH5369Y
				HG	STR	BK & W	B-8	5366NHG	5369NHG
15	250	6-15P	ULTRA		STR	BK & W	B-11	AH5666	AH5669
			SAFETY	HG	ANG	BK & W	B-9	AH8225HGA	—
				HG	ANG	C	B-9	AH8225HGAC	—
		6-15R	QUICK		STR	BK	B-11	AH5666BK	AH5669BK
					STR	Y	B-11	AH5666Y	AH5669Y
			AUTO		STR	BK & W	B-11	5666N	5669N
20	250	6-20P	ULTRA		STR	BK & W	B-12	AH5466	AH5469
			SAFETY	HG	ANG	BK & W	B-9	AH8325HGA	—
				HG	ANG	C	B-9	AH8325HGAC	—
		6-20R	QUICK		STR	BK	B-12	AH5464BK	AH5469BK
					STR	Y	B-12	AH5464Y	AH5469Y
			AUTO		STR	BK & W	B-12	5466N	5469N

Hospital Grade

AMP	V/AC	NEMA	Color	Page	Flanged Inlet	Flanged Outlet
15	125	15-May	BK & W	B-10	AH5278C	AH5279C
			STEEL	B-10	AH5278	AH5246
20	125	20-May	BK & W	B-11	AH5778C	AH5779C
15	250	15-Jun	BK & W	B-11	AH5678C	AH5679C
20	250	20-Jun	BK & W	B-12	5878C	5879C

Compliances, specifications and availability are subject to change without notice.

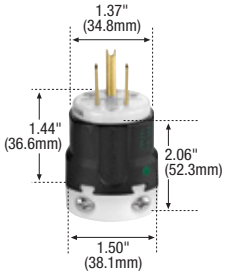
Hospital grade straight blade plugs & connectors

Product description

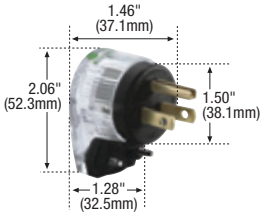
2-pole, 3-wire grounding
15A, 125V/AC
NEMA 5-15

5-15P

5-15R



AH8215HG



AH8215HGAC

AH8119W

5369NHG

Hospital grade plugs & connectors

Rating A	V/AC	NEMA	Description	Cord diameter	Color	Plug catalog no.	Connector catalog no.		
15	125	5-15	Ultra grip straight body	0.33-0.66" (8.3-16.7mm)	BK & W	☐ AH8215HG	☐ AH8219HG	•	•
			Safety grip straight body	0.33-0.66" (8.3-16.7mm)	C	☐ AH8215HGC	☐ AH8219HGC	•	•
			Safety grip angled body	0.33-0.66" (8.3-16.7mm)	BK & W	☐ AH8215HGA	—	•	•
			Safety grip angled body	0.33-0.66" (8.3-16.7mm)	C	☐ AH8215HGAC	—	•	•
			Quick grip straight body	0.22-0.66" (5.6-16.7mm)	W	☐ AH8115W	☐ AH8119W		•
			Auto grip straight body	0.33-0.66" (8.3-16.7mm)	BK & W	☐ 5266NHG	☐ 5269NHG	•	•
			Auto grip isolated ground, straight body	0.33-0.66" (8.3-16.7mm)	RN	☐ IG5266NHG	—	•	•

Hospital grade straight blade plugs & connectors

Product description

2-pole, 3-wire grounding
20A, 125V/AC
NEMA 5-20

5-20P

5-20R

Hospital grade plugs & connectors

Rating A	V/AC	NEMA	Description	Cord diameter	Color	Plug catalog no.	Connector catalog no.		
20	125	5-20	Ultra grip straight body	0.33-0.66" (8.3-16.7mm)	BK & W	☐ AH8315HG†	☐ AH8319HG†	•	•
			Safety grip angled body	0.33-0.66" (8.3-16.7mm)	BK & W	☐ AH8315HGA†	—	•	•
			Safety grip angled body	0.33-0.66" (8.3-16.7mm)	C	☐ AH8315HGAC†	—	•	•
			Auto grip straight body	0.33-0.66" (8.3-16.7mm)	BK & W	☐ 5366NHG	☐ 5369NHG	•	•

† Not NOM Spec

Hospital grade dimensional Information: B-16

Specification information:
Safety grip HG plugs & connectors: B-23
Auto grip HG plugs & Connectors: B-23
Quick grip HG plugs & Connectors: B-23

Color information:

BK (Black), C (Clear), RN (Orange), W (White)

BK	C	RN	W
(Black)	(Clear)	(Orange)	(White)

Compliances, specifications and availability are subject to change without notice.

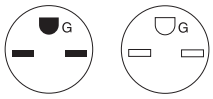
Indicates NAFTA compliant - Page Q-32

RoHS compliant - Page Q-32

Hospital grade straight blade plugs & connectors

Product description

2-pole, 3-wire grounding
15A, 250V/AC
NEMA 6-15



6-15P 6-15R

AH8225HGAC

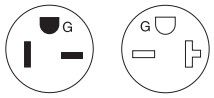
Hospital grade plugs & connectors

Rating A	V/AC	NEMA	Description	Cord diameter	Color	Plug catalog no.	Connector catalog no.	RoHS
15	250	6-15	Safety grip angled body	0.33-0.66" (8.3-16.7mm)	BK & W	☐ AH8225HGA	—	•
			Safety grip angled body	0.33-0.66" (8.3-16.7mm)	C	☐ AH8225HGAC	—	•

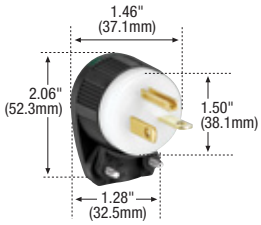
Hospital grade straight blade plugs & connectors

Product description

2-pole, 3-wire grounding
20A, 250V/AC
NEMA 6-20



6-20P 6-20R



AH8325HGA

Hospital grade plugs & connectors

Rating A	V/AC	NEMA	Description	Cord diameter	Color	Plug catalog no.	Connector catalog no.	RoHS
20	250	6-20	Safety grip angled body	0.33-0.66" (8.3-16.7mm)	BK & W	☐ AH8325HGA	—	•
			Safety grip angled body	0.33-0.66" (8.3-16.7mm)	C	☐ AH8325HGAC	—	•

Color information:

BK (Black), C (Clear), W (White)

BK	C	W
(Black)	(Clear)	(White)

Hospital grade dimensional Information: B-16

Specification information: Safety grip HG plugs & connectors: B-23

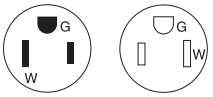
Compliances, specifications and availability are subject to change without notice.

RoHS compliant - Page Q-32

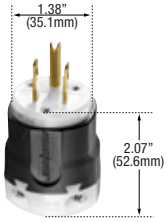
Industrial grade straight blade devices

Product description

2-pole, 3-wire grounding
15A, 125V/AC
NEMA 5-15



5-15P **5-15R**



AH5266

AH5969BK

AH5278C

AH5278

Industrial grade plugs & connectors

Rating A	Rating V/AC	NEMA	Description	Cord diameter	Color	Plug catalog no.	Connector catalog no.		
15	125	5-15	Ultra grip straight body	0.33-0.66" (8.3-16.7mm)	BK & W	☐ AH5266	☐ AH5269	•	•
			Ultra grip straight body	0.33-0.66" (8.3-16.7mm)	BK	☐ AH5266BK	☐ AH5269BK	•	•
			Safety grip angled body	0.33-0.66" (8.3-16.7mm)	BK & W	☐ AH5266A	—	•	•
			Quick grip straight body	0.22-0.66" (5.6-16.7mm)	BK	☐ AH5965BK	☐ AH5969BK		•
			Quick grip straight body	0.22-0.66" (5.6-16.7mm)	Y	☐ AH5965Y	☐ AH5969Y		•
			Auto grip straight body	0.33-0.66" (8.3-16.7mm)	BK & W	☐ 5266N	☐ 5269N	•	•

Industrial grade flanged inlets & outlets

Rating A	Rating V/AC	NEMA	Description	Color	Inlet catalog no.	Outlet catalog no.	
15	125	5-15	Nylon construction, back wire	BK & W	☐ AH5278C†	☐ AH5279C*	•
			Metal shell, back wire	Steel	☐ AH5278Δ	☐ AH5246	•

* UL and CSA Listed, † Fed Spec certified, ΔOnly NOM spec

Industrial grade dimensional Information: B-16, B-17

Specification information:
Safety grip industrial plugs & connectors: B-24
Quick grip plugs & connectors: B-24
Auto grip industrial plugs & connectors: B-24
Industrial flanged inlets & Flanged outlets: B-25

Color information:

BK (Black), W (White), Y (Yellow)

BK (Black) W (White) Y (Yellow) (Steel)

Compliances, specifications and availability are subject to change without notice.

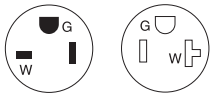
Indicates NAFTA compliant - Page Q-32

RoHS compliant - Page Q-32

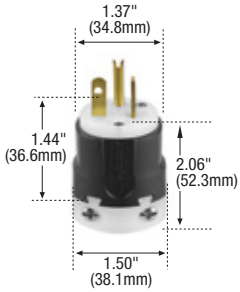
Industrial grade straight blade devices

Product description

2-pole, 3-wire grounding
20A, 125V/AC
NEMA 5-20



5-20P **5-20R**



AH5366

Industrial grade plugs & connectors

Rating A	V/AC	NEMA	Description	Cord diameter	Color	Plug catalog no.	Connector catalog no.	
20	125	5-20	Ultra grip straight body	0.33-0.66" (8.3-16.7mm)	BK & W	☐ AH5366	☐ AH5369	•
			Quick grip straight body	0.22-0.66" (5.6-16.7mm)	BK	☐ AH5364BK	☐ AH5369BK	•
			Quick grip straight body	0.22-0.66" (5.6-16.7mm)	Y	☐ AH5364Y	☐ AH5369Y	•

Industrial grade flanged inlets & outlets

Rating A	V/AC	NEMA	Description	Color	Inlet catalog no.	Outlet catalog no.		
20	125	5-20	Nylon construction, back wire	BK & W	☐ AH5778C	☐ AH5779C*	•	•

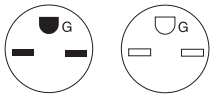
* UL Listed only

AH5778C

Industrial grade straight blade devices

Product description

2-pole, 3-wire grounding
15A, 250V/AC
NEMA 6-15



6-15P **6-15R**

Industrial grade plugs & connectors

Rating A	V/AC	NEMA	Description	Cord diameter	Color	Plug catalog no.	Connector catalog no.		
15	250	6-15	Ultra grip straight body	0.33-0.66" (8.3-16.7mm)	BK & W	☐ AH5666†	☐ AH5669†	•	•
			Quick grip straight body	0.22-0.66" (5.6-16.7mm)	BK, Y	☐ AH5666__†	☐ AH5669__†		•
			Auto grip straight body	0.33-0.66" (8.3-16.7mm)	BK & W	☐ 5666N	☐ 5669N	•	•

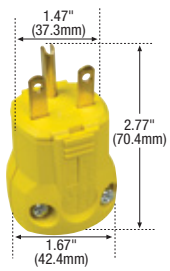
† Not NOM Spec

Industrial grade flanged inlets & outlets

Rating A	V/AC	NEMA	Description	Color	Inlet catalog no.	Outlet catalog no.		
15	250	6-15	Nylon construction, back wire	BK & W	☐ AH5678C	☐ AH5679C*	•	•

* UL Listed only

AH5679C



AH5666Y

Industrial grade dimensional Information: B-16-B17

Specification Information:
Safety grip industrial plugs & connectors: B-24
Quick grip plugs & connectors: B-24
Auto grip industrial plugs & connectors: B-24
Industrial flanged inlets & flanged outlets: B-25

Color information:
BK (Black), W (White), Y (Yellow)

BK	W	Y
(Black)	(White)	(Yellow)

Compliances, specifications and availability are subject to change without notice.

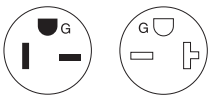
Indicates NAFTA compliant - Page Q-32

RoHS compliant - Page Q-32

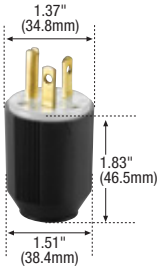
Industrial grade straight blade devices

Product description

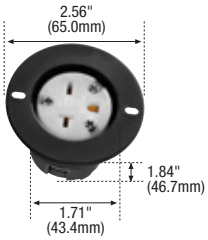
2-pole, 3-wire grounding
20A, 250V/AC
NEMA 6-20



6-20P 6-20R



5466N



5879C

AH5469BK

Industrial grade plugs & connectors

Rating A	V/AC	NEMA	Description	Cord diameter	Color	Plug catalog no.	Connector catalog no.		
20	250	6-20	Ultra grip straight body	0.33-0.66" (8.3-16.7mm)	BK & W	☐ AH5466	☐ AH5469	•	•
			Quick grip straight body	0.22-0.66" (5.6-16.7mm)	BK, Y	☐ AH5464__	☐ AH5469__		•
			Auto grip straight body	0.33-0.66" (8.3-16.7mm)	BK & W	☐ 5466N	☐ 5469N	•	•

Industrial grade flanged inlets & outlets

Rating A	V/AC	NEMA	Description	Color	Inlet catalog no.	Outlet catalog no.		
20	250	6-20	Nylon construction, back wire	BK & W	☐ 5878C	☐ 5879C*	•	•

* UL Listed only

Industrial grade dimensional Information: B-16, B-17

Specification information:
Safety grip industrial plugs & connectors: B-24
Quick grip plugs & connectors: B-24
Auto grip industrial plugs & connectors: B-24
Industrial flanged inlets & flanged outlets: B-25

Color information:

BK (Black), W (White), Y (Yellow)

BK	W	Y
(Black)	(White)	(Yellow)

Compliances, specifications and availability are subject to change without notice.

Indicates NAFTA compliant - Page Q-32

RoHS compliant - Page Q-32

Industrial grade straight blade plugs & connectors

Product description

2-pole, 3-wire grounding
20A, 277V/AC
NEMA 7-20

7-20P

7-20R

9151N

Industrial grade plugs & connectors

Rating A	V/AC	NEMA	Description	Cord diameter	Color	Plug catalog no.		
20	277	7-20	Safety grip straight body	0.38"-1.00" (9.6-25.4mm)	BK & W	☐7624N	•	•

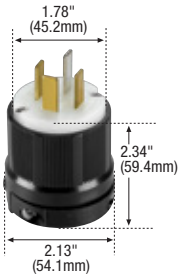
Industrial grade straight blade plugs & connectors

Product description

3-pole, 3-wire non-grounding
20A, 125/250V/AC
NEMA 10-20

10-20P

10-20R



7251N

Industrial grade plugs & connectors

Rating A	V/AC	NEMA	Description	Cord diameter	Color	Plug catalog no.		
20	125/250	10-20	Safety grip straight body	0.38"-1.00" (9.6-25.4mm)	BK & W	☐9151N	•	•

Industrial grade straight blade plugs & connectors

Product description

4-pole, 4-wire non-grounding
20A, 3ØY 120/208V/AC
NEMA 18-20

18-20P

18-20R

3ØY industrial grade plugs & connectors

Rating A	V/AC	NEMA	Description	Cord diameter	Color	Plug catalog no.		
20	120/208	18-20	3ØY safety grip straight body	0.38"-1.00" (9.6-25.4mm)	BK & W	☐7251N	•	•

Color information:

BK (Black), W (White)

BK (Black) W (White)

Industrial grade dimensional Information: B-16, B-17

Specification information: Safety grip industrial plugs & connectors: B-24

Compliances, specifications and availability are subject to change without notice.

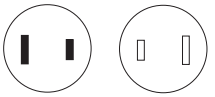
Indicates NAFTA compliant - Page Q-32

RoHS compliant - Page Q-32

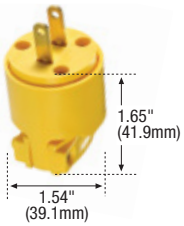
Commercial grade straight blade plugs & connectors

Product description

2-pole, 2-wire non-grounding
15A, 125V/AC
NEMA 1-15



1-15P 1-15R



4862

Commercial grade plugs & connectors

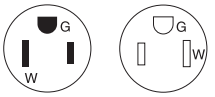
A	Rating V/AC	Vinyl NEMA	Description	Cord diameter	Color	Plug catalog no.	Connector catalog no.		
15	125	1-15	Vinyl straight body	0.25-0.66" (6.3-16.6mm)	Y	☐ 4862	☐ 4882†	•	•

† Not NOM cert

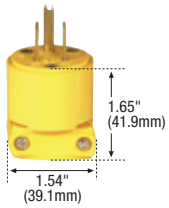
Commercial grade straight blade plugs & connectors

Product description

2-pole, 3-wire grounding
15A, 125V/AC
NEMA 5-15



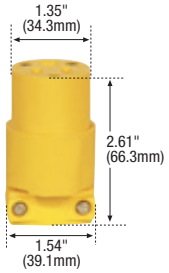
5-15P 5-15R



4867

Commercial grade plugs & connectors

A	Rating V/AC	Vinyl NEMA	Description	Cord diameter	Color	Plug catalog no.	Connector catalog no.		
15	125	5-15	Vinyl angled body	0.25-0.66" (6.3-16.6mm)	Y	☐ 4867AN	—	•	•
			Vinyl straight body	0.25-0.66" (6.3-16.6mm)	Y	☐ 4867	☐ 4887	•	•
			Vinyl angled body	0.25-0.66" (6.3-16.6mm)	W	☐ 4867ANW	—	•	•



4887

Color information:
W (White), Y (Yellow)

W	Y
(White)	(Yellow)

Commercial grade dimensional Information: B-17

Specification information: Commercial grade plugs & connectors: B-26

Compliances, specifications and availability are subject to change without notice.

Indicates NAFTA compliant - Page Q-32 RoHS compliant - Page Q-32

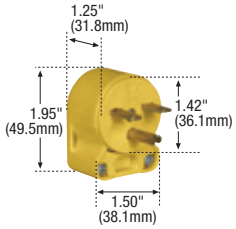
Commercial grade straight blade plugs & connectors

Product description

2-pole, 3-wire grounding
20A, 125V/AC
NEMA 5-20

5-20P

5-20R



4866AN

Commercial grade plugs & connectors

Rating A	V/AC	NEMA	Description	Cord diameter	Color	Plug catalog no.	Connector catalog no.		
20	125	5-20	Vinyl straight body	0.25-0.66" (6.3-16.6mm)	Y	☐ 4409*	☐ 4228*	•	•
			Vinyl angled body	0.25-0.66" (6.3-16.6mm)	Y	☐ 4409AN	—	•	•

* UL and CSA Listed Only

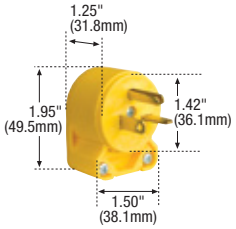
Commercial grade straight blade plugs & connectors

Product description

2-pole, 2-wire grounding
15A, 250V/AC
NEMA 6-15

6-15P

6-15R



4509AN

Commercial grade plugs & connectors

Rating A	V/AC	NEMA	Description	Cord diameter	Color	Plug catalog no.	Connector catalog no.		
15	250	6-15	Vinyl straight body	0.25-0.66" (6.3-16.6mm)	Y	—	☐ 4227*	•	•
			Vinyl angled body	0.25-0.66" (6.3-16.6mm)	Y	☐ 4866AN	—	•	•

* UL and CSA Listed Only

Commercial grade straight blade plugs & connectors

Product description

2-pole, 2-wire grounding
20A, 250V/AC
NEMA 6-20

6-20P

6-20R

4229

Commercial grade plugs & connectors

Rating A	V/AC	Vinyl NEMA	Description	Cord diameter	Color	Plug catalog no.	Connector catalog no.		
20	250	6-20	Vinyl straight body	0.25-0.66" (6.3-16.6mm)	Y	☐ 4509*	☐ 4229†	•	•
			Vinyl angled body	0.25-0.66" (6.3-16.6mm)	Y	☐ 4509AN	—	•	•

† Not NOM cert, * UL Listed Only

Color information:
Y (Yellow)

Y

(Yellow)

Commercial grade dimensional Information: B-17

Specification information: Commercial grade plugs & connectors: B-26

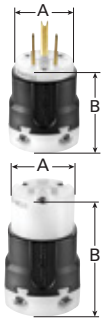
Compliances, specifications and availability are subject to change without notice.

Indicates NAFTA compliant - Page Q-32

RoHS compliant - Page Q-32

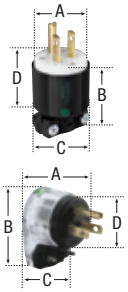
Straight blade plugs & connectors dimensional data

Ultra grip plugs & connectors



Family	A	B	C	D	Cord diameter
Ultra grip plug	1.38" (35.1mm)	2.07" (52.6mm)	1.69" (42.9mm)	1.55" (39.4mm)	0.25 - 0.66" (6.4-16.8mm)
Ultra grip connector	1.38" (35.1mm)	2.89" (73.4mm)	1.69" (42.9mm)	1.55" (39.4mm)	0.25 - 0.66" (6.4-16.8mm)

Safety grip plugs

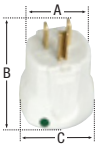


Family	A	B	C	D	Cord diameter
Hospital grade	1.40" (35.6mm)	2.11" (53.6mm)	1.53" (38.9mm)	1.45" (36.8mm)	0.30-0.65" (7.6-16.6mm)
Hospital grade angled	1.39" (35.3mm)	1.29" (32.8mm)	1.52" (38.6mm)	2.09" (53.1mm)	0.30-0.65" (7.6-16.6mm)
Industrial grade angled	1.28" (32.5mm)	1.46" (37.1mm)	1.50" (38.1mm)	2.06" (52.3mm)	0.33-0.66" (8.3-16.7mm)
Industrial grade NEMA 7-20, 10-20 & 18-20	1.78" (45.2mm)	2.34" (59.4mm)	2.13" (54.1mm)	–	0.38"-1.00" (9.6-25.4mm)

Safety grip connectors

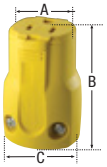
Family	A	B	C	D	Cord diameter
Hospital grade	1.37" (34.8mm)	2.77" (70.4mm)	1.50" (38.1mm)	0.87" (22.1mm)	0.33-0.66" (8.3-16.7mm)
Industrial grade	1.37" (34.8mm)	2.77" (70.4mm)	1.50" (38.1mm)	0.87" (22.1mm)	0.33-0.66" (8.3-16.7mm)

Quick grip plugs



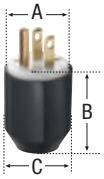
Family	A	B	C	Cord diameter
Hospital grade	1.47" (37.3mm)	2.77" (70.4mm)	1.67" (42.4mm)	0.22-0.66" (5.6-16.7mm)
Industrial grade	1.47" (37.3mm)	2.77" (70.4mm)	1.67" (42.4mm)	0.22-0.66" (5.6-16.7mm)

Quick grip connectors



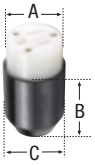
Family	A	B	C	Cord diameter
Industrial grade	1.46" (37.1mm)	2.59" (65.8mm)	1.67" (42.4mm)	0.22-0.66" (5.6-16.7mm)

Auto grip plugs



Family	A	B	C	Cord diameter
Hospital grade	1.38" (34.9mm)	1.83" (46.5mm)	1.52" (38.6mm)	0.33-0.66" (8.3-16.7mm)
Industrial grade	1.37" (34.8mm)	1.83" (46.5mm)	1.51" (38.4mm)	0.33-0.66" (8.3-16.7mm)

Auto grip connectors

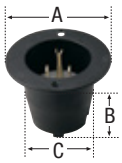


Family	A	B	C	Cord diameter
Hospital grade	1.38" (34.9mm)	1.83" (46.5mm)	1.52" (38.6mm)	0.33-0.66" (8.3-16.7mm)
Industrial grade	1.37" (34.8mm)	1.83" (46.5mm)	1.51" (38.4mm)	0.33-0.66" (8.3-16.7mm)

Compliances, specifications and availability are subject to change without notice.

Straight blade flanged inlets & outlets dimensional data

Nylon shell flanged inlets

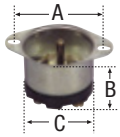


Family	A	B	C
Industrial grade	2.56" (65.0mm)	1.84" (46.7mm)	1.71" (43.4mm)

Nylon shell flanged outlets

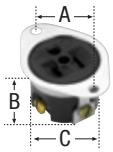
Family	A	B	C
Industrial grade	2.56" (65.0mm)	1.84" (46.7mm)	1.71" (43.4mm)

Metal shell flanged inlets



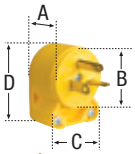
Family	A	B	C
Industrial grade	2.00" (50.8mm)	1.43" (36.3mm)	1.62" (41.1mm)

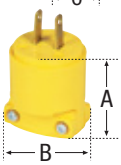
Metal shell flanged outlets



Family	A	B	C
Industrial grade	2.06" (52.3mm)	1.50" (38.1mm)	1.09" (27.7mm)

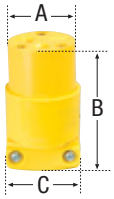
Commercial plugs





Family	A	B	C	D	Cord diameter
Commercial grade	1.65" (41.9mm)	1.54" (39.1mm)	–	–	0.25-0.66" (6.4-16.6mm)
Commercial grade angled	1.25" (31.8mm)	1.42" (36.1mm)	1.50" (38.1mm)	1.95" (49.5mm)	0.25-0.66" (6.4-16.6mm)

Commercial connectors



Family	A	B	C	Cord diameter
Commercial grade	1.35" (34.3mm)	2.61" (66.3mm)	1.54" (39.1mm)	0.25-0.66" (6.4-16.6mm)

Compliances, specifications and availability are subject to change without notice.

Industrial straight blade power devices features & benefits

Rugged high-strength thermoplastic construction

Neoprene gasket seals around cord for added terminal protection from external elements

Plug

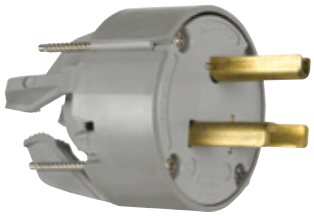
Unique internal clamp design secures cord during assembly, reducing installation time

Tapered cord grip cover reduces cord snags

Connector

Angled plug versions have 4 possible positions for maximum convenience

Broad selection of flanged inlets accept #12 AWG to #4 AWG conductors



Quick-drive stainless steel assembly screws provide corrosion resistance and speed installation time

Variety of 30A, 50A and 60A configurations available

Compliances, specifications and availability are subject to change without notice.

Commercial straight blade power devices features & benefits

Universal plugs include blades for both 30A and 50A configurations of the same voltage

Terminals have pressure plates to protect wires

Plug

Patented lay-in terminals accept up to #4 AWG wire

Back features concentric knockouts and an adjustable cord clamp to allow wiring from back or bottom

Surface receptacle

Flush receptacles feature heavy gauge galvanized steel mounting strap and glass-reinforced nylon body

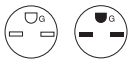
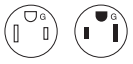
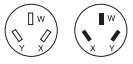
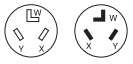
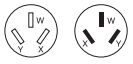
Broad selection of wallplates available for flush receptacle mounting

Surface receptacles can be wired for back or bottom wiring

Variety of 30A, 50A and 60A configurations available

Compliances, specifications and availability are subject to change without notice.

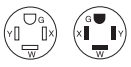
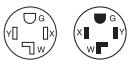
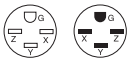
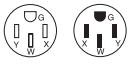
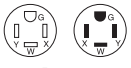
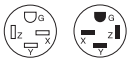
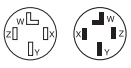
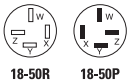
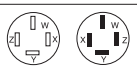
Straight blade power devices
20, 30, 50 & 60A

Rating: Amps V/AC	Receptacle/ plug NEMA configuration	Flush receptacle	Wallplate	Surface receptacle	Panel mount receptacle	Plugs	Angle plugs	Connectors	Flanged inlets	Adapters
2-pole, 3-wire grounding										
30A 125V	5-30R 5-30P	Commercial: **1233** (Brown) Industrial: **5716N** (Black)	Standard size: **39CH, 68, 2068, 2168, 93221, 93227** Mid-size: **5068, PJ703, PJ724**			Industrial: **5717N** (Gray)	Commercial: **S41** (Black) Industrial: **5717AN** (Gray)	Industrial: **6716N** (Gray & Black)	Industrial: **5717NFI** (Gray)	
30A 125V	TT-30R TT-30P	Commercial: **1263** (Black)			Commercial: **U1263** (Black)		Commercial: **83** (Black)			Commercial: **1264** (Receptacle to NEMA 5-15/5-20 Plug) (Black)
30A 250V	 6-30R 6-30P	Commercial: **1234** (Black) Industrial: **5700N** (Black)		Commercial: **1232** (Black)		Industrial: **5701N** (Gray)	Commercial: **S42** (Black) Industrial: **5701AN** (Gray)	Industrial: **6700N** (Gray & Black)	Industrial: **5701NFI** (Gray)	
30A 277V	7-30R 7-30P	Industrial: **5795N** (Black)				Industrial: **5703N** (Gray)	Industrial: **5703AN** (Gray)	Industrial: **6795N** (Gray & Black)	Industrial: **5703NFI** (Gray)	
50A 125V	5-50R 5-50P	Commercial: **1253** (Black)		Commercial: **1251** (Black)		Industrial: **5712N** (Gray)	Commercial: **S41** (Black) Industrial: **5712AN** (Gray)	Industrial: **6711N** (Gray & Black)	Industrial: **5712NFI** (Gray)	
50A 250V	 6-50R 6-50P	Commercial: **1254** (Black) Industrial: **5709N** (Black)		Commercial: **1252** (Black)		Industrial: **5710N** (Gray)	Commercial: **S42** (Black) Industrial: **5710AN** (Gray)	Industrial: **6709N** (Gray & Black)	Industrial: **5710NFI** (Gray)	
50A 277V	7-50R 7-50P					Industrial: **5705N** (Gray)	Industrial: **5705AN** (Gray)	Industrial: **6796N** (Gray & Black)	Industrial: **5705NFI** (Gray)	
3-pole, 3-wire non-grounding										
20A 125/250V	 10-20R 10-20P	Commercial: **805** (Ivory)				Industrial: **9151N** (Gray) Commercial: **2836** (Armed PVC) (Yellow)				
30A 125/250V Dryer	 10-30R 10-30P	Commercial: **38B** (Brown)	Standard size: **39CH, 68, 2068, 2168, 93221, 93227** Mid-size: **5068, PJ703, PJ724**	Commercial: **125** (Black)		Industrial: **9337N** (Gray)	Commercial: **S80** (Black) Industrial: **9352AN** (Gray)	Industrial: **9341N** (Gray & Black)	Industrial: **9337NFI** (Gray)	
50A 125/250V Range	 10-50R 10-50P	Commercial: **32B** (Brown) Industrial: **7985N** (Black)	Standard size: **192**	Commercial: (Black)		Industrial: **4524N** (Gray)	Commercial: **S80** (Black) Industrial: **7952AN** (Gray)	Industrial: **4526N** (Gray & Black)	Industrial: **4524NFI** (Gray)	

Power device dimensional information: B-22; **Specification information:** B-27–B-29
Compliances, specifications and availability are subject to change without notice.

All products on this page are RoHS compliant - Page Q-32

Straight blade power devices
20, 30, 50 & 60A

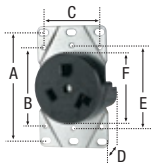
Rating: Amps V/AC	Receptacle/ plug NEMA configuration	Flush receptacles	Wallplate	Surface receptacle	Panel mount receptacle	Plugs	Angle plugs
3-pole, 4-wire grounding							
20A 125/250V	 14-20R 14-20P	Industrial: **5759** (Black)					
30A 125/250V Dryer	 14-30R 14-30P	Commercial: **1257** (Black)	Standard size: **39CH, 68, 2068, 2168, 93221, 93227** Mid-size: **5068, PJ703, PJ724**	Commercial: **1225** (Black)		Industrial: **5746N** (Gray)	Commercial: **S21** (Black) Industrial: **5732AN** (Gray)
		Industrial: **5744N** (Black)	Standard size: **69, 5169, 93223**				
30A 3Ø 250V	 15-30R 15-30P	Industrial: **8430N** (Black)	Standard size: **69, 5169, 93223**			Industrial: **8432N** (Gray)	Industrial: **8432AN** (Gray)
50A 125/250V Range	 14-50R 14-50P	Commercial: **1258** (Black)	Standard size: **39CH, 68, 2068, 2168, 93221, 93227** Mid-size: **5068, PJ703, PJ724**	Commercial: **1212** (Black)	Commercial: **58** (Black)	Industrial: **5745N** (Gray)	Commercial: **S21** (Black) Industrial: **5752AN** (Gray)
		Industrial: **5754N** (Black)	Standard size: **69, 5169, 93223**				
50A 3Ø 250V	15-50R 15-50P	Industrial: **8450N** (Black)	Standard size: **69, 5169, 93223**		Industrial: **8450P** (Black)	Industrial: **8452N** (Gray)	Industrial: **8452AN** (Gray)
60A 125/250V	 14-60R 14-60P	Industrial: **9460N** (Black)	Standard size: **69, 5169, 93223**		Commercial: **60** (Black)	Industrial: **9462N** (Gray)	Commercial: **S20** (Black) Industrial: **9462AN** (Gray)
60A 3Ø 250V	 15-60R 15-60P	Industrial: **8460N** (Black)	Standard size: **69, 5169, 93223**			Industrial: **AH8462N** (Gray)	Industrial: **AH8462AN** (Gray)
4-pole, 4-wire, non-grounding							
30A 3ØY 120/208V	 18-30R 18-30P					Industrial: **8332N** (Gray)	Industrial: **8332AN** (Gray)
50A 3ØY 120/208V	 18-50R 18-50P					Industrial: **8352N** (Gray)	Industrial: **8352AN** (Gray)
60A 3ØY 120/208V	 18-60R 18-60P	Industrial: **5515N** (Black)	Standard size: **69, 5169, 93223**			Industrial: **5517N** (Gray)	Commercial: **S19** (Black) Industrial: **4516AN** (Gray)

Power device dimensional information: B-22; **Specification information:** B-27–B-29
Compliances, specifications and availability are subject to change without notice.

All products on this page are RoHS compliant - Page Q-32

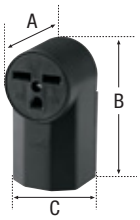
Straight blade power devices dimensional data

Flush receptacles



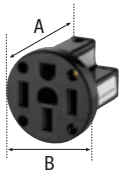
Family	A	B	C	D (Depth)	E	F (Face dia.)
30 & 1200 series	3.28" (83.3mm)	2.38" (60.5mm)	1.81" (46.0mm)	1.42" (36.1mm)	2.50" (63.5mm)	2.10" (53.5mm)
5000 & 7000 series	3.28" (83.3mm)	2.38" (60.5mm)	1.81" (46.0mm)	1.69" (42.9mm)	2.50" (63.5mm)	2.12" (53.8mm)
8000 series	3.28" (83.3mm)	2.38" (60.5mm)	1.81" (46.0mm)	1.69" (42.9mm)	–	2.38" (60.5mm)

Surface receptacles



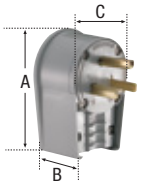
Family	A	B	C
100 & 1200 series	2.10" (53.3mm)	4.75" (120.7mm)	2.50" (63.5mm)

Panel mount receptacles



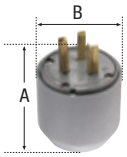
Family	A	B
58, 60	2.80" (71.1mm)	2.80" (71.1mm)
U1263	1.69" (42.9mm)	2.09" (53.1mm)

Angled plugs



Family	A	B	C	Cord diameter
80 & 83	2.92" (74.2mm)	1.03" (26.2mm)	2.80" (71.1mm)	83: 0.64" (16.3mm) max. 80: 0.80" (20.3mm) max.
S41 & S42, S20 & S21, S19	3.37" (85.6mm)	1.38" (35.1mm)	2.87" (72.9mm)	S41 & S42: 1.10" (27.9mm) S20 & S21: 1.13" (28.7mm) S19: 1.00" (25.4mm)
4500AN, 5700AN, 7900AN, 8300AN, 8400AN, 9300AN, 9400AN, AH8400AN series	4.30" (109.2mm)	1.88" (47.8mm)	3.00" (76.2mm)	0.56-1.31" (14.2-33.3mm)

Plugs

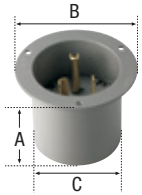


Family	A	B	Cord diameter
4500N, 5500N, 5700N, 8300N, 8400N, 9300N, 9400N, AH8400N series	3.34 -3.81" (84.8 -96.8mm) varies with diameter of cord	3.12" (79.2mm)	0.43 -1.31" (10.8 -33.3mm)

Connectors

Family	A	B	C	Cord diameter
6700N, 9300N, 9500N series	4.71-5.19" (119.6-131.8mm) varies with diameter of cord	3.12" (79.2mm)	2.59" (65.8mm)	0.43-1.31" (10.8 -33.3mm)

Flanged inlets



Family	A	B	C
4500NFI, 5700NFI, 9300NFI series	2.72" (69.1mm)	3.75" (95.3mm)	2.81" (71.4mm)

Compliances, specifications and availability are subject to change without notice.

Hospital grade plugs & connectors

Product description

2-pole, 3-wire grounding
15A, 125V/AC; 15A, 250V/AC; 20A, 125V/AC; 20A, 250V/AC
NEMA 5-15, 6-15, 5-20, 6-20

Device type	Hospital grade ultra safety plugs & connectors, straight blade	Hospital grade plugs & connectors	Hospital grade auto grip plugs & connectors, straight blade	Hospital grade quick grip plugs & connectors, straight blade
Wiring type	Back wire	Back wire	Back wire	Back wire
Testing & code compliance	• Listed to UL498, file no. E3663 • Complies with Fed Spec WC-596F • cUL Listed to C22.2, no. 42-M1999		• Listed to UL498, file no. E3663 • Complies with Fed Spec WC-596F • cUL Listed to C22.2, no. 42-M1999	• Listed to UL498, file no. E15012 • UL verified to Fed Spec WC-596G
Environmental specifications	**Flammability:** Meets UL94 requirements; V2 rated **Temperature rating:** -40°C to 75°C (-40°F to 167°F)	**Flammability:** Meets UL94 requirements; V2 rated **Temperature rating:** -40°C to 75°C (-40°F to 167°F)	**Flammability:** Meets UL94 requirements; V2 rated **Temperature rating:** -40°C to 75°C (-40°F to 167°F)	**Flammability:** Meets UL94 requirements; V2 rated **Temperature rating:** -40°C to 75°C (-40°F to 167°F)
Electrical specifications	**Dielectric voltage:** Twice the device rating + 1000V per UL498 **Current interrupting:** Yes, at full-rated current **Temperature rise:** Max. 30°C (86°F) after 250 cycles of overload	**Dielectric voltage:** Twice the device rating + 1000V per UL498 **Current interrupting:** Yes, at full-rated current **Temperature rise:** Max. 30°C (86°F) after 250 cycles of overload @ 200% of rated current (DC)	**Dielectric voltage:** Twice the device rating + 1000V per UL498 **Current interrupting:** Yes, at full-rated current **Temperature rise:** Max. 30°C (86°F) after 250 cycles of overload	**Dielectric voltage:** Twice the device rating + 1000V per UL498 **Current interrupting:** Yes, at full-rated current **Temperature rise:** Max. 30°C (86°F) after 100 cycles of overload @ 150% of rated current (DC)
Mechanical specifications	**Terminal accommodation:** #18 - #12 AWG **Voltage ratings:** Permanently marked on device	**Terminal accommodation:** #18 - #12 AWG **Voltage ratings:** Permanently marked on device	**Terminal accommodation:** #18 - #12 AWG **Voltage ratings:** Permanently marked on device	**Terminal accommodation:** #18 - #12 AWG **Voltage ratings:** Permanently marked on device
Materials	**Plug/connector outer shell:** Nylon; polycarbonate on C version **Interior body:** Nylon **Terminal retainer:** Polycarbonate **Blades:** 0.065" thick brass **Line contacts:** 0.031" thick brass **Terminal clamps:** Galvanized steel **Terminal screws:** #8-32 brass, nickel plated **Ground screw:** #8-32 brass, green **Assembly/mounting screws:** Steel **Cord clamp:** Nylon **Gasket/dust shield:** EPDM	**Plug/connector outer shell:** Nylon **Terminal retainer:** Polycarbonate **Blades:** 0.060" thick brass **Line contacts:** 0.031" thick brass **Terminal clamps:** Steel, zinc plated **Terminal screws:** #8-32 steel, brass plated (hot) and nickel plated (neutral) **Ground screw:** #8-32 steel, zinc plated, green **Assembly/mounting screws:** Steel, nickel plated **Cord clamp:** Nylon	**Plug/connector outer shell:** Nylon; polycarbonate on C version **Interior body:** Nylon **Terminal retainer:** Polypropylene **Blades:** 0.065" thick brass **Line contacts:** 0.031" thick brass **Terminal clamps:** Galvanized steel **Terminal screws:** #8-32 brass, nickel plated **Ground screw:** #8-32 brass, green **Assembly/mounting screws:** Steel **Cord clamp:** Polypropylene **Gasket/dust shield:** EPDM	**Plug/connector outer shell:** Nylon **Interior body:** N/A **Terminal retainer:** Polycarbonate **Blades:** 0.060" thick brass **Line contacts:** 0.030" thick brass **Terminal clamps:** Steel, zinc plated **Terminal screws:** #8-32 steel, hot screw brass plated **Ground screw:** #8-32 steel, green **Assembly/mounting screws:** Steel, zinc plated **Cord clamp:** Nylon **Gasket/dust shield:** N/A

Industrial grade straight blade plugs & connectors specification & performance data

Industrial grade plugs & connectors

Product description

2-pole, 3-wire grounding; 3-pole, 3-wire non-grounding; 4-pole, 4-wire non-grounding
15A, 125V/AC; 15A, 250V/AC; 20A,125V/AC; 20A, 250V/AC;
20A, 277V/AC; 20A,125/250V/AC; 20A,120/208V/AC;
NEMA 5-15, 5-20, 6-15, 6-20, 7-20, 10-20, 18-20

Device type	Industrial grade ultra grip plugs & connectors, straight blade	Industrial grade auto grip plugs & connectors, straight blade	Industrial grade quick grip plugs & connectors, straight blade
Wiring type	Back wire	Back wire	Back wire
Testing & code compliance	• cULus Listed to UL498, file no. E3663 • Complies with Fed Spec WC-596F • CSA certified to C22.2, no. 42-99 file no. 7087 (6221-02) • 7251N: NOM certified	• Listed to UL498, file no. E3663 • UL verified to Fed Spec WC-596F except cat. no. 5266AN • CSA certified to C22.2, no. 42-99 file no. 2081 (6221-02)	• cULus Listed to UL498, file no. E15012 • UL verified to Fed Spec WC-596G
Environmental specifications	**Flammability:** Meets UL94 requirements, V2 rated **Temperature rating:** -40°C to 75°C (-40°F to 167°F)	**Flammability:** Meets UL94 requirements, V2 rated **Temperature rating:** -40°C to 75°C (-40°F to 167°F)	**Flammability:** Meets UL94 requirements, V2 rated **Temperature rating:** -40°C to 75°C (-40°F to 167°F)
Electrical specifications	**Dielectric voltage:** Twice the device rating + 1000V per UL498 **Current interrupting:** Yes, at full-rated current **Temperature rise:** Max. 30°C (86°F) after 200 cycles of overload @ 200% of rated current (DC)	**Dielectric voltage:** Twice the device rating + 1000V per UL498 **Current interrupting:** Yes, at full-rated current **Temperature rise:** Max. 30°C (86°F) after 50 cycles of overload @ 150% of rated current (DC)	**Dielectric voltage:** Twice the device rating + 1000V per UL498 **Current interrupting:** Yes, at full-rated current **Temperature rise:** Max. 30°C (86°F) after 100 cycles of overload @ 150% of rated current (DC)
Mechanical specifications	**Terminal accommodation:** #16 - #12 AWG, except 7624N, 9151N, 7251N: #18 - #10 AWG **Voltage ratings:** Permanently marked on device	**Terminal accommodation:** #18 - #12 AWG **Voltage ratings:** Permanently marked on device	**Terminal accommodation:** #18 - #12 AWG **Voltage ratings:** Permanently marked on device
Materials	**Plug/connector outer shell:** Nylon **Interior body:** Nylon **Terminal retainer:** Polycarbonate **Blades:** 0.065" thick brass **Line contacts:** 0.031" thick brass **Terminal clamps:** Steel, zinc plated **Terminal screws:** #8-32 brass, nickel plated **Ground contact:** 0.041" thick brass **Ground screw:** #8-32 brass, zinc plated, green **Assembly/mounting screws:** Steel, zinc plated **Cord clamp:** Nylon **Cord clamp screws:** Steel, zinc plated **Gasket/dust shield:** Neoprene	**Plug/connector outer shell:** Nylon **Interior body:** Nylon **Terminal retainer:** Polycarbonate **Blades:** 0.065" thick brass **Line contacts:** 0.031" thick brass **Terminal clamps:** Steel, zinc plated **Terminal screws:** #8-32 brass, nickel plated **Ground contact:** 0.041" thick bronze **Ground screw:** #8-32 brass, green **Assembly/mounting screws:** Steel, zinc plated **Cord clamp:** Polypropylene **Cord clamp screws:** N/A **Gasket/dust shield:** Neoprene	**Plug/connector outer shell:** Nylon **Interior body:** N/A **Terminal retainer:** Polycarbonate **Blades:** 0.060" thick brass **Line contacts:** 0.030" thick brass **Terminal clamps:** Steel, zinc plated **Terminal screws:** Steel, brass plated (hot) and zinc plated (neutral) **Ground contact:** Brass **Ground screw:** Steel, zinc plated, green **Assembly/mounting screws:** Steel, zinc plated **Cord clamp:** Nylon **Cord clamp screws:** N/A **Gasket/dust shield:** N/A

Compliances, specifications and availability are subject to change without notice.

All products on this page are RoHS compliant - Page Q-32

Industrial grade flanged inlets & outlets

Product description

2-pole, 3-wire grounding
15A, 125V/AC; 15A, 250V/AC; 20A, 125V/AC; 20A, 250V/AC
NEMA 5-15, 5-20, 6-15, 6-20

Device type	Industrial grade flanged inlets, straight blade	Industrial grade flanged outlets, straight blade
Wiring type	Side wire	Side wire
Testing & code compliance	• Listed to UL498, file no. E3663 • cUL Listed to CSA C22.2, no. 42-M1999 • 5278C, 5678C: also NOM certified	• Listed to UL498, file no. E2369 • CSA certified to C22.2, no. 42-99 & 182.3-M1987 file no. 7087 (6233-01)
Environmental specifications	**Flammability:** Meets UL94 requirements, V2 rated **Temperature rating:** -40°C to 105°C (-40°F to 221°F)	**Flammability:** Meets UL94 requirements, V2 rated **Temperature rating:** -40°C to 105°C (-40°F to 221°F)
Electrical specifications	**Dielectric voltage:** Twice the device rating + 1000V per UL498 **Current interrupting:** Yes, at full-rated current **Temperature rise:** Max. 30°C (86°F) after 100 cycles of overload @ 150% of rated current (DC)	**Dielectric voltage:** Twice the device rating + 1000V per UL498 **Current interrupting:** Yes, at full-rated current **Temperature rise:** Max. 30°C (86°F) after 100 cycles of overload @ 150% of rated current (DC)
Mechanical specifications	**Terminal accommodation:** #14 AWG **Voltage ratings:** Permanently marked on device	**Terminal accommodation:** #14 AWG **Voltage ratings:** Permanently marked on device
Materials	**Outer shell:** Nylon, except 5278C: steel **Interior body:** Lexan, except 5278C: urea **Terminal retainer:** Lexan, except 5278C: urea **Blades:** 0.062" thick brass, except 5278C: 0.040" **Line contacts:** 0.062" thick brass **Terminal clamps:** Brass **Terminal screws:** #8-32 steel, brass plated (hot) or nickel plated (neutral), except 5278C: #6-32 **Ground screw:** #8-32 brass, zinc plated, green, except 5278C: #6-40 **Assembly screws/rivets:** Steel screws, except 5278C: steel rivets, zinc plated	**Outer shell:** Nylon, except 5246C: steel **Interior body:** Lexan, except 5246C: nylon **Terminal retainer:** Lexan, except 5246C: nylon **Blades:** 0.062" thick brass **Line contacts:** 0.062" thick brass, except 5246C: 0.040" **Terminal clamps:** Brass **Terminal screws:** #8-32 steel, brass plated (hot) or nickel plated (neutral) **Ground screw:** #8-32 brass, zinc plated, green **Assembly screws/rivets:** Steel screws, except 5246C: brass rivets

Industrial & commercial grade straight blade devices specification & performance data

Commercial grade plugs & connectors

Product description

2-pole, 2-wire non-grounding; 2-pole, 3-wire grounding
15A, 125V/AC; 15A, 250V/AC; 20A, 125V/AC; 20A, 250V/AC
NEMA 1-15, 5-15, 5-20, 6-15, 6-20

Device type	Commercial grade vinyl plugs & connectors, straight blade
Wiring type	Back wire
Testing & code compliance	• Listed to UL498, file no. E15012 • CSA certified to C22.2, no. 42-99 file no. 2081 (6221-02) • NOM certified, except 4882, 4862ANW
Environmental specifications	**Flammability:** Meets UL94 requirements, V2 rated **Temperature rating:** -20°C to 60°C (-4°F to 140°F)
Electrical specifications	**Dielectric voltage:** Twice the device rating + 1000V per UL498 **Current interrupting:** Yes, at full-rated current **Temperature rise:** Max. 30°C (86°F) after 50 cycles of overload @ 150% of rated current (DC)
Mechanical specifications	**Terminal accommodation:** #18 - #12 AWG **Voltage ratings:** Permanently marked on device
Materials	**Plug/connector outer shell:** Polypropylene **Interior body:** Polypropylene, except 4220, 4880 series: vinyl **Terminal retainer:** Polypropylene **Blades:** 0.058" thick brass **Line contacts:** 0.030" thick brass **Terminal clamps:** Steel, zinc plated **Terminal screws:** #6-40 steel, brass plated (hot) and zinc plated (neutral) **Ground screw:** #6-40 steel, zinc plated, green **Assembly screws:** Steel, zinc plated **Cord clamp screws:** Steel, zinc plated **Cord clamp:** Polypropylene

Compliances, specifications and availability are subject to change without notice.

All products on this page are RoHS compliant - Page Q-32

Industrial grade power devices

Product description

2-pole, 3-wire grounding; 3-pole, 3-wire non-grounding; 4-pole, 4-wire grounding
15A, 125V/AC, 250V/AC; 20A 125 V/AC, 250 V/AC, 277 V/AC; 20A 125/250V/AC; 20A, 3ØY, 120/208V/AC
NEMA 5-15, 5-20, 6-15, 6-20, 7-20, 10-20, 18-20

Device type	Industrial power plugs & connectors, straight blade	Industrial power receptacles, straight blade	Industrial power inlets, straight blade
Wiring type	Back wire	Back wire	Back wire
Testing & code compliance	• Listed to UL498, file no. E3663 • Complies with Fed Spec WC-596G • cUL Listed to CSA C22.2, no. 42-M1999	• Listed to UL498, file no. E3663 • UL verified to Fed Spec WC-596G • CSA certified to C22.2, no. 42-M1999 file no. LR7087 (6233-01)	• cULus Listed to UL 498, file no. E3663 • UL verified to Fed Spec WC-596G • cUL Listed to CSA C22.2, no. 42-M1999
Environmental specifications	**Flammability:** Meets UL94 requirements, V0 rated **Temperature rating:** -20°C to 75°C (-4°F to 167°F)	**Flammability:** Meets UL94 requirements, V0 rated **Temperature rating:** -20°C to 75°C (-4°F to 167°F)	**Flammability:** Meets UL94 requirements; flanged housing: V0 rated, all other components: V2 rated **Temperature rating:** -40°C to 75°C (-40°F to 167°F)
Electrical specifications	**Dielectric voltage:** Twice the device rating + 1000V per UL498 **Current interrupting:** Yes, at full-rated current **Temperature rise:** Max. 30°C (86°F) after 50 cycles of overload @ 150% of rated current (DC)	**Dielectric voltage:** Twice the device rating + 1000V per UL498 **Current interrupting:** Yes, at full-rated current **Temperature rise:** Max. 30°C (86°F) after 50 cycles of overload @ 150% of rated current (DC)	**Dielectric voltage:** Twice the device rating + 1000V per UL498 **Current interrupting:** Yes, at full-rated current **Temperature rise:** Max. 30°C (86°F) after 50 cycles of overload @ 150% of rated current (DC)
Mechanical specifications	**Terminal accommodation:** #12 - #4 AWG **Voltage ratings:** Permanently marked on device	**Terminal accommodation:** #12 - #4 AWG **Voltage ratings:** Permanently marked on device	**Terminal accommodation:** #12 - #4 AWG **Voltage ratings:** Permanently marked on device
Materials	**Receptacle base:** N/A **Receptacle face:** N/A **Receptacle strap:** N/A **Plug/connector outer shell or flanged housing:** Nylon **Interior body:** Nylon **Terminal retainer:** Nylon **Blades:** 0.100" thick brass **Line contacts:** 0.100" thick brass **Ground shunt:** 0.080" thick brass **Terminal clamps:** Brass box lug **Terminal screws:** 3/8-27 brass **Ground contact:** 0.042" thick bronze **Ground screw:** 3/8-27 brass **Assembly screws:** #6 steel, zinc plated **Mounting screws:** N/A **Receptacle mounting plate:** N/A **Gasket/dust shield:** Neoprene	**Receptacle base:** Nylon **Receptacle face:** Nylon **Receptacle strap:** N/A **Plug/connector outer shell or flanged housing:** N/A **Interior body:** N/A **Terminal retainer:** N/A **Blades:** N/A **Line contacts:** 0.050" thick 90-10 bronze **Ground shunt:** N/A **Terminal clamps:** 0.062" thick steel **Terminal screws:** #10-32 screw **Ground contact:** 0.042" thick brass **Ground screw:** #10-32 screw **Assembly screws:** N/A **Mounting screws:** N/A **Receptacle mounting plate:** 0.050" thick steel, Cr over zinc plated **Gasket/dust shield:** N/A	**Receptacle base:** N/A **Receptacle face:** N/A **Receptacle strap:** N/A **Plug/connector outer shell or flanged housing:** ABS **Interior body:** Nylon **Terminal retainer:** Nylon **Blades:** 0.100" thick brass **Line contacts:** 0.100" thick brass **Ground shunt:** N/A **Terminal clamps:** Brass **Terminal screws:** 3/8-27 brass **Ground contact:** N/A **Ground screw:** 3/8-27 brass, zinc plated, green **Assembly screws:** #6 steel, zinc plated **Mounting screws:** #10-32 steel, zinc plated **Receptacle mounting plate:** N/A **Gasket/dust shield:** N/A

Compliances, specifications and availability are subject to change without notice.

All products on this page are RoHS compliant - Page Q-32

Commercial power devices specification & performance data

Commercial grade power devices

Product description

2-pole, 3-wire grounding; 3-pole, 3-wire non-grounding; 3-pole, 4-wire grounding; 4-pole, 4-wire non-grounding
20A, 125/250VAC; 30A, 125V/AC, 250V/AC, 125/25V/AC; 50A 125V/AC, 250V/AC, 125/250V/AC; 60A 125/250V/AC
NEMA 5-30, 5-50, 6-30, 6-50, 10-20, 10-30, 10-50, 14-30, 14-50, 14-60, TT-30

Device type	Commercial power plugs, straight blade	Commercial power flush receptacles, straight blade	Commercial power surface receptacles, straight blade	Commercial power panel mount receptacles, straight blade
Wiring type	Back wire	Back wire	Back wire	Back wire
Testing & code compliance	• S41, S42, S80: Listed to UL498 file no. E15012 • S19, S20, S21: cULus Listed to UL 498 file no. E15012 • S41, S42: CSA certified to C22.2, no. 42-99 file no. 2081 (6221-02) • NOM certified	• Listed to UL498, file no. E15058 • Complies with Fed Spec WC-596G • cUL Listed to CSA C22.2, no. 42-M1999	• Listed to UL498, file no. E15058 • CSA certified to C22.2, no. 42, file no. 6914 (6233-81) • NOM certified	• Listed to UL498, file no. E15058 • CSA certified to C22.2, no. 42, file no. 6914 (6233-81) • NOM certified
Environmental specifications	**Flammability:** Meets UL94 requirements, V0 rated **Temperature rating:** -20°C to 60°C (-4°F to 140°F)	**Flammability:** Meets UL94 requirements, V0 rated **Temperature rating:** -20°C to 75°C (-4°F to 167°F)	**Flammability:** Meets UL94 requirements, V0 rated **Temperature rating:** -20°C to 75°C (-4°F to 167°F)	**Flammability:** Meets UL94 requirements, V0 rated **Temperature rating:** -20°C to 75°C (-4°F to 167°F)
Electrical specifications	**Dielectric voltage:** Twice the device rating + 1000V per UL498 **Current interrupting:** Yes, at full-rated current **Temperature rise:** Max. 30°C (86°F) after 50 cycles of overload @ 150% of rated current (DC)	**Dielectric voltage:** Twice the device rating + 1000V per UL498 **Current interrupting:** Yes, at full-rated current **Temperature rise:** Max. 30°C (86°F) after 50 cycles of overload @ 150% of rated current (DC)	**Dielectric voltage:** Twice the device rating + 1000V per UL498 **Current interrupting:** Yes, at full-rated current **Temperature rise:** Max. 30°C (86°F) after 50 cycles of overload @ 150% of rated current (DC)	**Dielectric voltage:** Twice the device rating + 1000V per UL498 **Current interrupting:** Yes, at full-rated current **Temperature rise:** Max. 30°C (86°F) after 50 cycles of overload @ 150% of rated current (DC)
Mechanical specifications	**Terminal accommodation:** S19, S20, S21: #10 - #4 AWG S41, S42: #10 - #6 AWG S80: #10 - #8 AWG **Voltage ratings:** Permanently marked on device	**Terminal accommodation:** #10 - #4 AWG **Voltage ratings:** Permanently marked on device	**Terminal accommodation:** #10 - #4 AWG **Voltage ratings:** Permanently marked on device	**Terminal accommodation:** #10 - #4 AWG **Voltage ratings:** Permanently marked on device
Materials	**Receptacle base:** N/A **Receptacle face:** N/A **Plug/connector outer shell:** PVC **Blades:** 0.096" thick brass **Line contacts:** N/A **Terminal clamps:** Steel, zinc plated **Terminal screws:** 1/4-28 set screw, steel, zinc plated **Ground contact:** N/A **Ground screw:** 1/4-28 set screw, steel, zinc plated **Assembly/mounting screws:** #8-32 steel, zinc plated, except S80: #6-32 steel, nickel plated **Cord clamp screws:** #8-32 steel, zinc plated, except S80: #6-32 steel, nickel plated **Cord clamp:** Steel, zinc plated **Receptacle mounting plate:** N/A	**Receptacle base:** Urea **Receptacle face:** Urea **Plug/connector outer shell:** N/A **Blades:** N/A **Line contacts:** 0.040" thick 260 brass **Terminal clamps:** 0.072" thick steel with SCR **Terminal screws:** 5/16-24 steel lug screws, AL lug **Ground contact:** 0.032" thick brass **Ground screw:** 5/16-24 steel lug screws **Assembly/mounting screws:** #6-32 steel, zinc plated **Cord clamp screws:** N/A **Cord clamp:** N/A **Receptacle mounting plate:** 0.045" thick galvanized steel	**Receptacle base:** Urea **Receptacle face:** Polypropylene **Plug/connector outer shell:** N/A **Blades:** N/A **Line contacts:** 0.040" thick brass, solder plated **Terminal clamps:** 0.093" thick steel **Terminal screws:** 1/4-20 set screw, copper plated **Ground contact:** 0.032" thick brass **Ground screw:** 1/4-20 steel, zinc plated, green **Assembly/mounting screws:** #6-32 steel, zinc plated **Cord clamp screws:** N/A **Cord clamp:** N/A **Receptacle mounting plate:** 0.045" thick galvanized steel	**Receptacle base:** Urea **Receptacle face:** Urea **Plug/connector outer shell:** N/A **Blades:** N/A **Line contacts:** 0.045" thick brass, tin plated **Terminal clamps:** 0.013" thick steel **Terminal screws:** 1/4-28 **Ground contact:** 0.032" thick brass **Ground screw:** 1/4-28 steel, zinc plated **Assembly/mounting screws:** #6-32 steel, zinc plated **Cord clamp screws:** N/A **Cord clamp:** N/A **Receptacle mounting plate:** 0.040" thick steel, galvanized

Compliances, specifications and availability are subject to change without notice.

All products on this page are RoHS compliant - Page Q-32

Commercial grade power devices

Product description

2-pole, 3-wire grounding: 30A, 125V/AC, NEMA TT-30
3-pole, 3-wire non-grounding: 20A, 125/250V/AC, NEMA 10-20
3-pole, 4-wire grounding: 20A, 125/250V/AC, NEMA 14-20

Device type	Commercial power plugs, straight blade NEMA 10-20, Cat. no. 2836	Commercial power flush receptacles, straight blade NEMA 10-20, Cat. no. 805	Commercial power NEMA TT-30 plug & adapter, straight blade Cat. nos. 83, 1264
Wiring type	Back wire	Side wire	Back wire
Testing & code compliance	• Listed to UL498 file no. E15012 • NOM certified	• Listed to UL498 file no. E15058 • CSA certified to C22.2 no. 42-M1999, file no. 6914 (6233-01) • NOM certified	• Listed to UL498 file no. E15012 • NOM certified
Environmental Specifications	**Flammability:** Withstands 1500V per UL498 **Temperature rating:** Yes, at full-rated current	**Flammability:** Withstands 1500V per UL498 **Temperature rating:** Yes, at full-rated current	**Flammability:** Withstands 1500V per UL498 **Temperature rating:** -20°C to 75°C (-4°F to 167°F)
Electrical specifications	**Dielectric voltage:** Twice the device rating + 1000V per UL498 **Current interrupting:** Yes, at full-rated current **Temperature rise:** Max. 30°C (86°F) after 100 cycles of overload @ 150% of rated current (DC)	**Dielectric voltage:** ≤300V: 2000V, 301-600V: 3000V per UL498 **Current interrupting:** Yes, at full-rated current **Temperature rise:** Max. 30°C (86°F) after 100 cycles of overload @ 150% of rated current (DC)	**Dielectric voltage:** Twice the device rating + 1000V per UL498 **Current interrupting:** Yes, at full-rated current **Temperature rise:** Max. 30°C (86°F) after 100 cycles of overload @ 150% of rated current (DC)
Mechanical specifications	**Terminal accommodation:** #14 - #10 AWG **Voltage ratings:** Permanently marked on device	**Terminal accommodation:** #14 - #10 AWG **Voltage ratings:** Permanently marked on device	**Terminal accommodation:** 83: #12 - #10 AWG 1264: N/A **Voltage ratings:** Permanently marked on device
Materials	**Receptacle base:** N/A **Receptacle face:** N/A **Receptacle strap:** N/A **Plug/connector outer shell:** Steel, zinc-plated **Interior body:** PVC **Blades:** 0.072" thick brass **Line contacts:** N/A **Terminal clamps:** Steel, zinc-plated **Terminal screws:** #6-40 brass **Ground contact:** N/A **Ground screw:** N/A **Assembly/mounting screws:** #5-20 steel, zinc plated **Cord clamp insert:** PVC **Cord clamp screws:** #6-32 steel, zinc plated **Cord clamp:** Steel, zinc plated	**Receptacle base:** Urea **Receptacle face:** Urea **Receptacle strap:** 0.050" thick steel, galvanized **Plug/connector outer shell:** N/A **Interior body:** N/A **Blades:** N/A **Line contacts:** 0.040" thick brass **Terminal clamps:** 0.040" thick brass **Terminal screws:** #8-32 steel, zinc plated **Ground contact:** 0.032" thick bronze **Ground screw:** N/A **Assembly/mounting screws:** Steel, zinc plated **Cord clamp insert:** N/A **Cord clamp screws:** N/A **Cord clamp:** N/A	**Receptacle base:** N/A **Receptacle face:** N/A **Receptacle strap:** N/A **Plug/connector outer shell:** 83: Urea 1264: Phenolic **Interior body:** 83: N/A, 1264: PVC **Blades:** 83: 0.062" thick brass, 1264: 0.058" thick brass **Line contacts:** 83: N/A, 1264: 0.016-0.020" thick brass **Terminal clamps:** N/A **Terminal screws:** 83: #10-32 brass, zinc plated, 1264: N/A **Ground contact:** N/A **Ground screw:** 83: #10-32 brass, zinc plated, green, 1264: N/A **Assembly/mounting screws:** 83: #8-32 steel, zinc plated, 1264: N/A **Cord clamp insert:** N/A **Cord clamp screws:** 83: #6-32 steel, zinc plated, 1264: N/A **Cord clamp:** 83: steel, zinc plated, 1264: N/A

Compliances, specifications and availability are subject to change without notice.

All products on this page are RoHS compliant - Page Q-32

SECTION C

C
SECTION

Locking Devices

Table of contents

Locking device families C-2

15A, 20A & 30A locking devices C-3

Pole, wire	A & V/AC	Rating	
2-P, 2-W	15A, 125V/AC	NEMA L1-15	C-5
	20A, 250V/AC	NEMA L2-20	C-6
2-P, 3-W	15A, 125V/AC	NEMA L5-15	C-7
	15A, 250V/AC	NEMA L6-15	C-8
	15A, 277V/AC	NEMA L7-15	C-9
	20A, 125V/AC	NEMA L5-20	C-10
	20A, 250V/AC	NEMA L6-20	C-11
	20A, 277V/AC	NEMA L7-20	C-12
	20A, 480V/AC	NEMA L8-20	C-13
	20A, 600V/AC	NEMA L9-20	C-14
	30A, 125V/AC	NEMA L5-30	C-15
	30A, 250V/AC	NEMA L6-30	C-16
	30A, 277V/AC	NEMA L7-30	C-17
	30A, 480V/AC	NEMA L8-30	C-18
	30A, 600V/AC	NEMA L9-30	C-19
3-P, 3-W	10/15A, 250/125V/AC	Non-NEMA	C-20
Non-grounding	20A, 125/250V/AC	Non-NEMA	C-21
	20A, 125/250V/AC	NEMA L10-20	C-22
	20A, 3Ø 250V/AC	NEMA L11-20	C-23
	20A, 3Ø 480V/AC	NEMA L12-20	C-24
	30A, 125/250V/AC	Non-NEMA	C-25
	30A, 125/250V/AC	NEMA L10-30	C-26
	30A, 3Ø 250V/AC	NEMA L11-30	C-27
	30A, 3Ø 480V/AC	NEMA L12-30	C-28
	30A, 3Ø 600V/AC	NEMA L13-30	C-29
3-P, 4-W	20A, 125/250V/AC	NEMA L14-20	C-30
	20A, 3Ø 250V/AC	NEMA L15-20	C-31
	20A, 3Ø 480V/AC	NEMA L16-20	C-32
	30A, 125/250V/AC	NEMA L14-30	C-33
	30A, 3Ø 250V/AC	NEMA L15-30	C-34
	30A, 3Ø 480V/AC	NEMA L16-30	C-35
	30A, 3Ø 600V/AC	NEMA L17-30	C-36
4-P, 4-W	20A, 3ØY 120/280V/AC	Non-NEMA	C-37
Non-grounding	20A, 3ØY 120/280V/AC	NEMA L18-20	C-38
	20A, 3ØY 277/480V/AC	NEMA L19-20	C-39
	20A, 3ØY 347/600V/AC	NEMA L20-20	C-40
	30A, 3ØY 120/208V/AC	Non-NEMA	C-41
	30A, 3ØY 120/308V/AC	NEMA L18-30	C-42
	30A, 3ØY 277/480V/AC	NEMA L19-30	C-43
	30A, 3ØY 347/600V/AC	NEMA L20-30	C-44

Locking devices continued C-46

Pole, wire	A & V/AC	Rating	
4-P, 5-W	10/20A, 600/250V/AC	Non-NEMA	C-45
	20A, 3ØY 120/208V/AC	NEMA L21-20	C-46
	20A, 3ØY 277/480V/AC	NEMA L22-20	C-47
	20A, 3ØY 347/600V/AC	NEMA L23-20	C-48
	30A, 3ØY 120/208V/AC	NEMA L21-30	C-49
	30A, 3ØY 277/480V/AC	NEMA L22-30	C-50
	30A, 3ØY 347/600V/AC	NEMA L23-30	C-51

Midget devices C-52

Pole, wire	A & V/AC	Rating	
2-P, 2-W	15A, 125V/AC	NEMA ML1	C-52
2-P, 3-W	15A, 125V/AC	NEMA ML2	C-52
3-P, 3-W	15A, 125/250V/AC	NEMA ML3	C-53

Pro grip locking & armored devices C-54

Pole, wire	A & V/AC	Rating	
2-P, 3-W	50A, 125V/AC	Non-NEMA	C-56
	50A, 250V/AC	Non-NEMA	C-58
	50A, 250V/DC 600V/AC	Non-NEMA	C-59
	50A, 480V/AC	Non-NEMA	C-60
3-P, 4-W	50A, 125/250V/AC	Non-NEMA	C-61
	50A, 125/250V/AC	Non-NEMA	C-62
	50A, 3Ø 250V/AC	Non-NEMA	C-63
	50A, 250V/DC 600V/AC	Non-NEMA	C-64, C-65
	50A, 3Ø 480V/AC	Non-NEMA	C-66

Power lock devices, non-NEMA C-67

Pole, wire	A & V/AC	Rating	
2-P, 3-W	20A, 125V/AC	Hospital use	C-68
	50A, 250V/AC	Hospital use	C-68
	60A, 250V/AC	Hospital use	C-68
	20A, 125V/AC	Non-NEMA	C-69
3-P, 3-W	20A, 125V/AC	Non-NEMA	C-69
3-P, 4-W	20/30A, 250V/DC 600V/AC	Non-NEMA	C-70
	30A, 480V/AC	Non-NEMA	C-71
	60A, 600V/AC	Non-NEMA	C-72
4-P, 5-W	20/30A, 250V/DC 600V/AC	Non-NEMA	C-73
	60A, 600V/AC	Non-NEMA	C-74

Power lock accessories for 30A & 60A C-75

Locking device dimensional data C-76

Specification information C-84

Locking device families

The industry's most complete line of locking industrial devices

Arrow Hart offers the most rugged, feature-rich, broadest line of quality locking devices to meet the specific needs of demanding industrial applications

Locking devices

The widest range of NEMA and non-NEMA devices, designed and built with superior materials for long lasting performance.

50A locking devices

Rugged pro grip, armored and marine grade 50A locking devices are ideal for harsh construction and industrial applications.

Power lock devices

Power lock devices offer a positive engagement single-post design in rugged nylon or armored shell housings for reliable service.

Flat cable devices

Flat cable plugs & connectors are designed specifically for 4-pole, 5-wire flat cable applications in convention and exhibit halls or other high-traffic flat-cable environments.

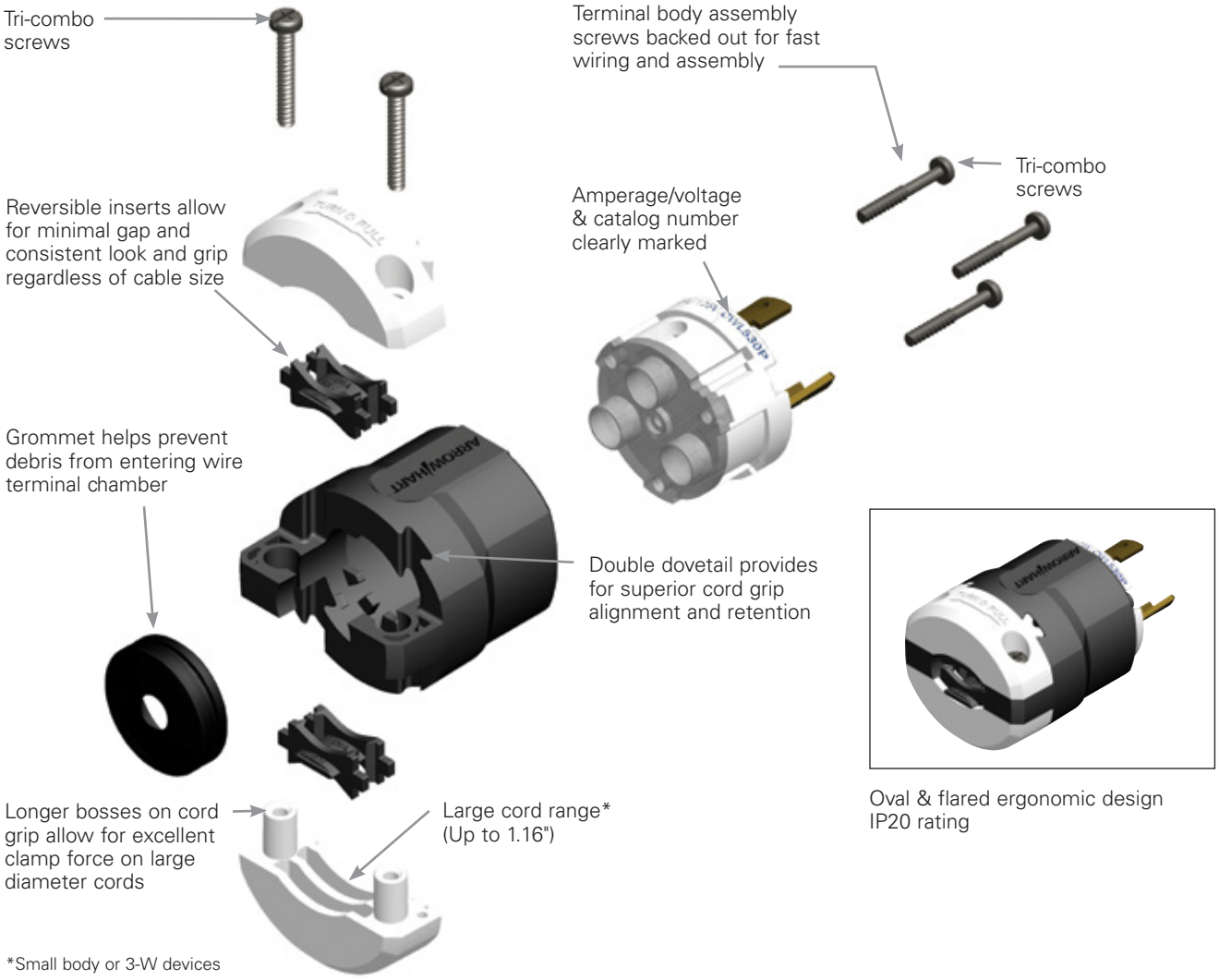
See Section D for a complete line of watertight, severe-duty and corrosion resistant locking devices.

Industrial grade locking plugs and connectors

Rugged, quality locking devices for any application

Superior design and performance make Arrow Hart's hart lock devices the ideal choice for industrial applications. Available in a wide range of NEMA and Non-NEMA configurations

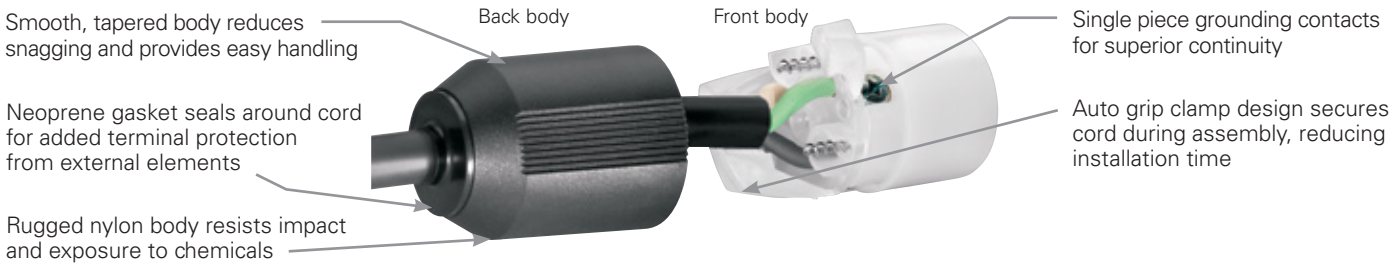
Ultra grip straight blade plugs & connectors redesign features & benefits



*Small body or 3-W devices

Oval & flared ergonomic design
IP20 rating

Auto grip hospital and industrial grade plugs & connectors features & benefits



Compliances, specifications and availability are subject to change without notice.

Industrial receptacles features & benefits

Performance feature heavy duty glass reinforced nylon body and face for rugged durability

Compact body design allows for adequate wire room in wallbox

Heavy interior walls provide additional support to ensure contact retention

Heavy-duty mounting strap is double riveted to body for added strength

One piece brass contacts provide excellent plug retention and electrical continuity with minimum heat rise

Amperage/voltage is clearly marked

Serrated terminal plates bite wire to insure strong, reliable wiring connections

Back and side wired terminal design allows for fast installation

Multiple-head screws provide versatility for ease of use

Industrial flanged inlets & outlets features & benefits

Mounting holes interchangeable with other devices

Heavy-duty nylon construction

Individual wiring compartments with tapered channel for easy insertion of wires

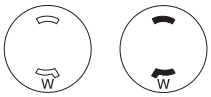
Back wire terminal clamps for easy, secure wiring

Compliances, specifications and availability are subject to change without notice.

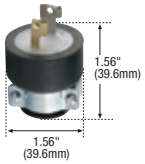
Industrial grade 15A locking devices

Product description

2-pole, 2-wire non-grounding
15A, 125V/AC
NEMA L1-15



L1-15R **L1-15P**



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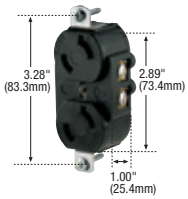

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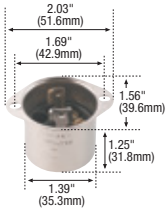


CWL115FI

CWL115FO

Industrial grade plugs & connectors

Rating A	V/AC	NEMA	Description	Cord diameter	Color	Plug catalog no.	Connector catalog no.	RoHS
15	125	L1-15	Straight body	0.31-0.47" (7.9-11.9mm)	BK	☐ 7546	—	•
			Straight body	0.30-0.56" (7.5-14.3mm)	BK	—	☐ 7506	•

Industrial grade receptacles

Rating A	V/AC	NEMA	Description	Color	Single receptacle	Duplex receptacle	NAFTA	RoHS
15	125	L1-15	Standard industrial	BK	☐ CWL115R		•	•
			Standard industrial	BK		☐ 7540		•

Industrial grade flanged inlets & outlets

Rating A	V/AC	NEMA	Description	Color	Flanged inlet	Flanged outlet	NAFTA	RoHS
15	125	L1-15	Standard industrial	BK & W	☐ CWL115FI	☐ CWL115FO††	•	•

††Only UL Listed

Accessories for NEMA L1-15 locking devices

Description	Catalog no.	NAFTA	RoHS
Diecast aluminum single receptacle cover, vertical mount, for FS/FD Boxes	☐ 7420	•	•
Glass-filled nylon flanged inlet/outlet cover, vertical mount, for 15A devices	☐ WP1	•	•

7420

WP1

Dimensional information:
C-79, C-80

Plug & connector specification information:
NEMA L1-15: C-85
Receptacle specification information:
NEMA L1-15: C-87
Flanged inlet & flanged outlet specification information:
NEMA L1-15: C-88

Color information:

BK (Black), W (White)

BK	W
(Black)	(White)

Compliances, specifications and availability are subject to change without notice.

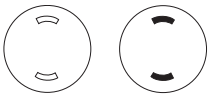
Indicates NAFTA compliant - Page Q-32

RoHS compliant - Page Q-32

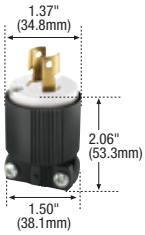
Industrial grade 20A locking devices

Product description

2-pole, 2-wire non-grounding
20A, 250V/AC
NEMA L2-20

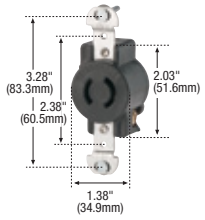


L2-20R L2-20P



CWL220P

CWL220C



CWL220R

CWL220FO

Industrial grade plugs & connectors

Rating A	V/AC	NEMA	Description	Cord diameter	Color	Plug catalog no.	Connector catalog no.		
20	250	L2-20	Safety grip straight body	0.33-0.66" (8.4-16.7mm)	BK & W	☐ CWL220P	—	•	•
			Safety grip straight body, polarized	0.33-0.66" (8.4-16.7mm)	BK & W	☐ CWL220P-6	☐ CWL220C	•	•

Industrial grade receptacles

Rating A	V/AC	NEMA	Description	Color	Single receptacle		
20	250	L2-20	Standard industrial	BK	☐ CWL220R	•	•

Industrial grade flanged inlets & outlets

Rating A	V/AC	NEMA	Description	Color	Flanged outlet		
20	250	L2-20	Standard industrial	BK	☐ CWL220FO	•	•

Accessories for NEMA L2-20 locking devices

Description	Catalog no.	
Neoprene weather protective boot for 20A, 2-W plug	☐ BS1	•
Neoprene weather protective boot for 20A, 2-W connector	☐ BS2	•

BS1

BS2

Dimensional information:
C-76, C-79, C-80

Plug & connector specification information:
NEMA L2-20: C-85
Receptacle specification information:
NEMA L2-20: C-87
Flanged inlet & flanged outlet specification information:
NEMA L2-20: C-88

Color information:

BK (Black), W (White)

BK (Black) W (White)

Compliances, specifications and availability are subject to change without notice.

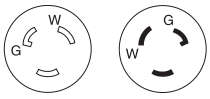
Indicates NAFTA compliant - Page Q-32

RoHS compliant - Page Q-32

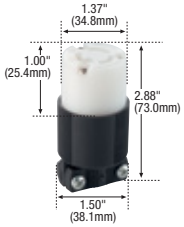
Industrial grade 15A locking devices

Product description

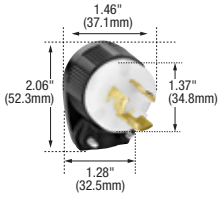
2-pole, 3-wire grounding
15A, 125V/AC
NEMA L5-15



L5-15R L5-15P



CWL515C



CWL515PAN

4721N

Industrial grade plugs & connectors

Rating A	V/AC	NEMA	Description	Cord diameter	Color	Plug catalog no.	Connector catalog no.		
15	125	L5-15	Safety grip straight body	0.33-0.66" (8.4-16.7mm)	BK & W	☐ CWL515P	☐ CWL515C	•	•
			Safety grip angled body	0.33-0.66" (8.4-16.7mm)	BK & W	☐ CWL515PAN	☐ CWL515CAN	•	•
			Auto grip	0.33-0.66" (8.4-16.7mm)	BK & W	☐ 4721N	☐ 4731N	•	•

Industrial grade receptacles

Rating A	V/AC	NEMA	Description	Color	Single receptacle	Duplex receptacle		
15	125	L5-15	Standard industrial	BK	☐ CWL515R*	—	•	•
			Standard industrial	BK	—	☐ 4700		•
			Isolated ground	RN	☐ IGL515R*	☐ IG4700*	•	•
		5-15	Combination locking & straight blade	BK	—	☐ 5792*	•	•

*Not Fed Spec

Industrial grade flanged inlet

Rating A	V/AC	NEMA	Description	Color	Flanged inlet		
15	125	L5-15	Standard industrial	BK & W	☐ CWL515FI	•	•

Industrial grade flanged outlet

Rating A	V/AC	NEMA	Description	Color	Flanged outlet		
15	125	L5-15	Standard industrial	BK & W	☐ CWL515FO	•	•

Dimensional information:
C-76-C-78

Plug & connector specification information:
L5-15: C-84
Receptacle specification information:
L5-15: C-86
Isolated ground L5-15: C-86
Flanged inlet & flanged outlet specification information:
L5-15: C-88

Color information:

BK (Black), RN (Orange), W (White)

BK	RN	W
(Black)	(Orange)	(White)

Compliances, specifications and availability are subject to change without notice.

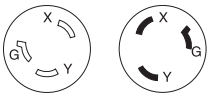
Indicates NAFTA compliant - Page Q-32

RoHS compliant - Page Q-32

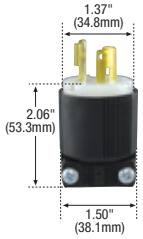
Industrial grade 15A locking devices

Product description

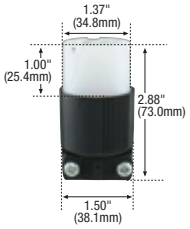
2-pole, 3-wire grounding
15A, 250V/AC
NEMA L6-15



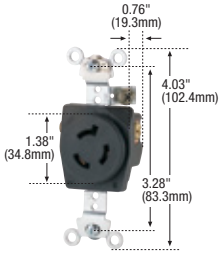
L6-15R **L6-15P**



CWL615P



CWL615C



CWL615R

CWL615FI

Industrial grade plugs & connectors

Rating A	V/AC	NEMA	Description	Cord diameter	Color	Plug catalog no.	Connector catalog no.		
15	250	L6-15	Safety grip straight body	0.33-0.66" (8.4-16.7mm)	BK & W	☐ CWL615P	☐ CWL615C	•	•
			Auto grip straight body	0.33-0.66" (8.4-16.7mm)	BK & W	☐ 6565N	☐ 6566N	•	•

Industrial grade receptacles

Rating A	V/AC	NEMA	Description	Color	Single receptacle	Duplex receptacle		
15	250	L6-15	Standard industrial	BK	☐ CWL615R	—	•	•
			Standard industrial	BK	—	☐ 6580		•
			Isolated ground	RN	☐ IGL615R*	—	•	•

*Not Fed Spec

Industrial grade flanged inlets & outlets

Rating A	V/AC	NEMA	Description	Color	Flanged inlet	Flanged outlet		
15	250	L6-15	Standard industrial	BK	☐ CWL615FI	—	•	•
			Standard industrial	BK & W	—	☐ CWL615FO† *	•	•

†Only UL Listed & CSA certified, *Not Fed Spec

Dimensional information:
C-76-C-78

Plug & connector specification information:
L6-15: C-84
Receptacle specification information:
L6-15: C-86
Isolated ground L6-15: C-86
Flanged inlet & flanged outlet specification information:
L6-15: C-88

Color information:

BK (Black), RN (Orange), W (White)

BK	RN	W
(Black)	(Orange)	(White)

Compliances, specifications and availability are subject to change without notice.

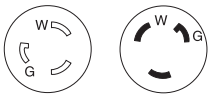
Indicates NAFTA compliant - Page Q-32

RoHS compliant - Page Q-32

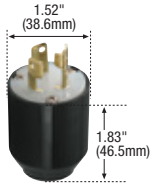
Industrial grade 15A locking devices

Product description

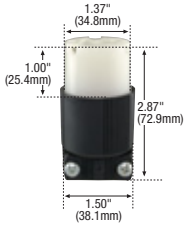
2-pole, 3-wire grounding
15A, 277V/AC
NEMA L7-15



L7-15R L7-15P



4771N



CWL715C

Industrial grade plugs & connectors

Rating A	V/AC	NEMA	Description	Cord diameter	Color	Plug catalog no.	Connector catalog no.		
15	277	L7-15	Safety grip straight body	0.33-0.66" (8.4-16.7mm)	BK & W	☐ CWL715P	☐ CWL715C	•	•
			Auto grip straight body	0.33-0.66" (8.4-16.7mm)	BK & W	☐ 4771N	☐ 4772N	•	•

Industrial grade receptacles

Rating A	V/AC	NEMA	Description	Color	Single receptacle	Duplex receptacle		
15	277	L7-15	Standard industrial	BK	☐ CWL715R	☐ 4750	•	•

Industrial grade flanged inlets & outlets

Rating A	V/AC	NEMA	Description	Color	Flanged inlet	Flanged outlet		
15	277	L7-15	Standard industrial	BK	☐ CWL715FI	—		•
			Standard industrial	BK & W	—	☐ CWL715FO†	•	•

†Only UL Listed & CSA certified

Dimensional information:
C-76-C-78

Plug & connector specification information:
L7-15: C-84
Receptacle specification information:
L7-15: C-86
Flanged inlet & flanged outlet specification information:
L7-15: C-88

Color information:

BK (Black), W (White)

BK (Black) W (White)

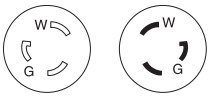
Compliances, specifications and availability are subject to change without notice.

Indicates NAFTA compliant - Page Q-32 RoHS compliant - Page Q-32

Industrial grade 20A locking devices

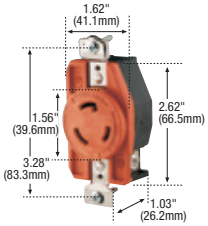
Product description

2-pole, 3-wire grounding
20A, 125V/AC
NEMA L5-20



L5-20R L5-20P

AHL520C



IGL520R

AHL520FO

Industrial grade plugs & connectors

Rating A	V/AC	NEMA	Description	Cord diameter	Color	Plug catalog no.	Connector catalog no.		
20	125	L5-20	Ultra grip straight body	0.38-1.00" (9.5-25.4mm)	BK & W	☐ AHL520P	☐ AHL520C	•	•
			Safety grip straight body	0.38-1.00" (9.5-25.4mm)	BK	☐ CWL520PBK	☐ CWL520CBK	•	•

Industrial grade receptacles

Rating A	V/AC	NEMA	Description	Color	Single receptacle		
20	125	L5-20	Standard industrial	BK	☐ AHL520R		•
			Isolated ground	RN	☐ IGL520R*	•	•

*Not Fed Spec

Industrial grade flanged inlets & outlets

Rating A	V/AC	NEMA	Description	Color	Flanged inlet	Flanged outlet		
20	125	L5-20	Standard industrial	BK & W	☐ AHL520FI	☐ AHL520FO†	•	•

†Only UL Listed & CSA certified

Accessories for NEMA L5-20 locking devices

Description	Catalog no.		
Neoprene weather protective boot for 20/30A, 3-W locking plug	☐ BM1		•
Neoprene weather protective boot for 20/30A, 3-W locking connector	☐ BM2		•
Diecast aluminum single receptacle cover, vertical mount, for FS/FD boxes	☐ 7420	•	•

BM1

BM2

7420

Dimensional information:
C-76-C-78

Plug & connector specification information:
L5-20: C-84
Receptacle specification information:
L5-20: C-87
Isolated ground L5-20: C-87
Flanged inlet & flanged outlet specification information:
L5-20: C-88

Color information:

BK (Black), RN (Orange), W (White)

BK	RN	W
(Black)	(Orange)	(White)

Compliances, specifications and availability are subject to change without notice.

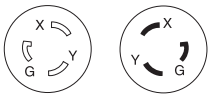
Indicates NAFTA compliant - Page Q-32

RoHS compliant - Page Q-32

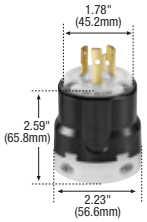
Industrial grade 20A locking devices

Product description

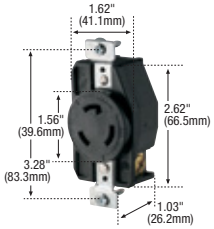
2-pole, 3-wire grounding
20A, 250V/AC
NEMA L6-20



L6-20R L6-20P



AHL620P



AHL620R

AHL620FI

Industrial grade plugs & connectors

Rating A	V/AC	NEMA	Description	Cord diameter	Color	Plug catalog no.	Connector catalog no.		
20	250	L6-20	Ultra grip straight body	0.38-1.00" (9.5-25.4mm)	BK & W	☐ AHL620P	☐ AHL620C	•	•

Industrial grade receptacles

Rating A	V/AC	NEMA	Description	Color	Single receptacle		
20	250	L6-20	Standard industrial	BK	☐ AHL620R	•	•
			Isolated ground	RN	☐ IGL620R*	•	•

*Not Fed Spec

Industrial grade flanged inlets & outlets

Rating A	V/AC	NEMA	Description	Color	Flanged inlet	Flanged outlet		
20	250	L6-20	Standard industrial	BK	☐ AHL620FI	—	•	•
			Standard industrial	BK & W	—	☐ AHL620FO†	•	•

†Only UL Listed & CSA certified

Accessories for NEMA L6-20 locking devices

Description	Catalog no.		
Neoprene weather protective boot for 20/30A, 3-W locking plug	☐ BM1		•
Neoprene weather protective boot for 20/30A, 3-W locking connector	☐ BM2		•
Diecast aluminum single receptacle cover, vertical mount, for FS/FD boxes	☐ 7420	•	•

BM1

BM2

7420

Dimensional information:
C-76-C-78

Plug & connector specification information:
L6-20: C-84
Receptacle specification information:
L6-20: C-87
Isolated ground L6-20: C-87
Flanged inlet & flanged outlet specification information:
L6-20: C-88

Color information:
BK (Black), RN (Orange), W (White)

BK	RN	W
(Black)	(Orange)	(White)

Compliances, specifications and availability are subject to change without notice.

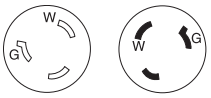
Indicates NAFTA compliant - Page Q-32

RoHS compliant - Page Q-32

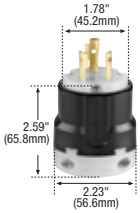
Industrial grade 20A locking devices

Product description

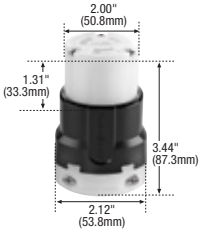
2-pole, 3-wire grounding
20A, 277V/AC
NEMA L7-20



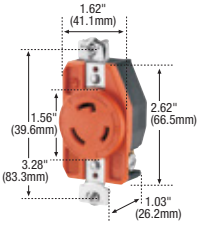
L7-20R **L7-20P**



AHL720P



AHL720C



IGL720R

AHL720FO

Industrial grade plugs & connectors

Rating A	V/AC	NEMA	Description	Cord diameter	Color	Plug catalog no.	Connector catalog no.		
20	277	L7-20	Ultra grip straight body	0.38-1.00" (9.5-25.4mm)	BK & W	☐ AHL720P	☐ AHL720C	•	•

Industrial grade receptacles

Rating A	V/AC	NEMA	Description	Color	Single receptacle		
20	277	L7-20	Standard industrial	BK	☐ AHL720R	•	•
			Isolated ground	RN	☐ IGL720R*		•

*Not Fed Spec

Industrial grade flanged inlets & outlets

Rating A	V/AC	NEMA	Description	Color	Flanged inlet	Flanged outlet		
20	277	L7-20	Standard industrial	BK	☐ AHL720FI	—		•
			Standard industrial	BK & W	—	☐ AHL720FO†	•	•

†Only UL Listed & CSA certified

Accessories for NEMA L7-20 locking devices

Description	Catalog no.		
Neoprene weather protective boot for 20/30A, 3-W locking plug	☐ BM1		•
Neoprene weather protective boot for 20/30A, 3-W locking connector	☐ BM2		•
Diecast aluminum single receptacle cover, vertical mount, for FS/FD boxes	☐ 7420	•	•

BM1

BM2

7420

Dimensional information:
C-76-C-78

Plug & connector specification information:
L7-20: C-84
Receptacle specification information:
L7-20: C-87
Isolated ground L7-20: C-87
Flanged inlet & flanged outlet specification information:
L7-20: C-89

Color information:

BK (Black), RN (Orange), W (White)

BK	RN	W
(Black)	(Orange)	(White)

Compliances, specifications and availability are subject to change without notice.

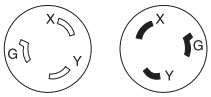
Indicates NAFTA compliant - Page Q-32

RoHS compliant - Page Q-32

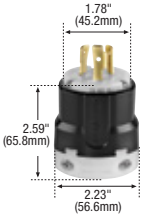
Industrial grade 20A locking devices

Product description

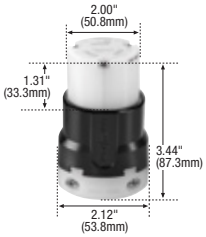
2-pole, 3-wire grounding
20A, 480V/AC
NEMA L8-20



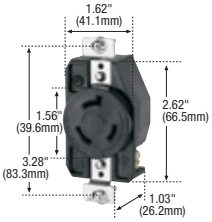
L8-20R L8-20P



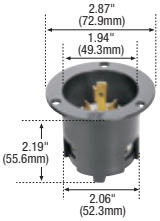
AHL820P



AHL820C



AHL820R



AHL820FI

Industrial grade plugs & connectors

Rating A	Rating V/AC	NEMA	Description	Cord diameter	Color	Plug catalog no.	Connector catalog no.		
20	480	L8-20	Ultra grip straight body	0.38-1.00" (9.5-25.4mm)	BK & W	☐ AHL820P	☐ AHL820C	•	•

Industrial grade receptacles

Rating A	Rating V/AC	NEMA	Description	Color	Single receptacle		
20	480	L8-20	Standard industrial	BK	☐ AHL820R[Δ]	•	•
			Isolated ground	RN	☐ IGL820R*		•

[Δ]Not NOM cert, *Not Fed Spec

Industrial grade flanged inlets & outlets

Rating A	Rating V/AC	NEMA	Description	Color	Flanged inlet	Flanged outlet	
20	480	L8-20	Standard industrial	BK	☐ AHL820FI	—	•
			Standard industrial	BK & W	—	☐ AHL820FO[†]	•

[†]Only UL Listed & CSA certified

Accessories for NEMA L8-20 locking devices

Description	Catalog no.		
Neoprene weather protective boot for 20/30A, 3-W locking plug	☐ BM1		•
Neoprene weather protective boot for 20/30A, 3-W locking connector	☐ BM2		•
Diecast aluminum single receptacle cover, vertical mount, for FS/FD boxes	☐ 7420	•	•

BM1

BM2

7420

Dimensional information:
C-76-C-78

Plug & connector specification information:
L8-20: C-84
Receptacle specification information:
L8-20: C-87
Isolated ground L8-20: C-87
Flanged inlet & flanged outlet specification information:
L8-20: C-89

Color information:

BK (Black), RN (Orange), W (White)

BK	RN	W
(Black)	(Orange)	(White)

Compliances, specifications and availability are subject to change without notice.

Indicates NAFTA compliant - Page Q-32

RoHS compliant - Page Q-32

Industrial grade 20A locking devices

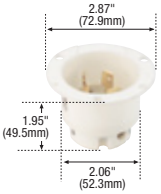
Product description

2-pole, 3-wire grounding
20A, 600V/AC
NEMA L9-20

L9-20R

L9-20P

CWL920C



CWL920FI

CWL920FO

Industrial grade plugs & connectors

Rating A	V/AC	NEMA	Description	Cord diameter	Color	Plug catalog no.	Connector catalog no.	
20	600	L9-20	Straight body	0.30-0.95" (7.6-24.1mm)	BK & W	☐ CWL920P	☐ CWL920C	•

Industrial grade receptacles

Rating A	V/AC	NEMA	Description	Color	Single receptacle		
20	600	L9-20	Straight body	BK	☐ CWL920R	•	•

Industrial grade inlets & outlets

Rating A	V/AC	NEMA	Description	Color	Flanged inlet	Flanged outlet	
20	600	L9-20	Standard industrial	W	☐ CWL920FI	☐ CWL920FO	•

Accessories for NEMA L9-20 locking devices

Description	Catalog no.		
Diecast aluminum single receptacle cover, vertical mount, for FS/FD boxes	☐ 7420	•	•
Glass-filled nylon flanged inlet/outlet cover, vertical mount, for 20A devices	☐ WP2	•	•

7420

WP2

Color information:
BK (Black), W (White)

BK (Black) W (White)

Dimensional information:
C-77, C-78

Receptacle specification information:
L9-20: C-87

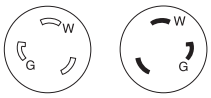
Compliances, specifications and availability are subject to change without notice.

Indicates NAFTA compliant - Page Q-32 RoHS compliant - Page Q-32

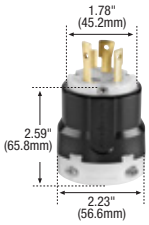
Industrial grade 30A locking devices

Product description

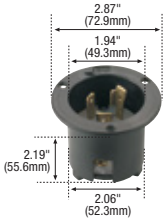
2-pole, 3-wire grounding
30A, 125V/AC
NEMA L5-30



L5-30R L5-30P



AHL530P



AHL530FI

Industrial grade plugs & connectors

Rating A	V/AC	NEMA	Description	Cord diameter	Color	Plug catalog no.	Connector catalog no.		
30	125	L5-30	Ultra grip straight body	0.38-1.00" (9.5-25.4mm)	BK & W	☐ AHL530P	☐ AHL530C	•	•
			Safety grip isolated ground	0.38-1.00" (9.5-25.4mm)	RN	☐ IGL530P	—		•

Industrial grade receptacles

Rating A	V/AC	NEMA	Description	Color	Single receptacle		
30	125	L5-30	Standard industrial	BK	☐ AHL530R	•	•
			Isolated ground	RN	☐ IGL530R*	•	•

*Not Fed Spec

Industrial grade flanged inlets & outlets

Rating A	V/AC	NEMA	Description	Color	Flanged inlet	Flanged outlet		
30	125	L5-30	Standard industrial	BK	☐ AHL530FI	—	•	•
			Standard industrial	BK & W	—	☐ AHL530FO†	•	•

†Only UL Listed & CSA certified

Accessories for NEMA L5-30 locking devices

Description	Catalog no.	
Neoprene weather protective boot for 20/30A, 3-W locking plug	☐ BM1	•
Neoprene weather protective boot for 20/30A, 3-W locking connector	☐ BM2	•

BM1

BM2

Dimensional information:
C-76-C-78

Plug & connector specification information:
L5-30: C-85
Receptacle specification information:
L5-30: C-87
Isolated ground L5-30: C-87
Flanged inlet & flanged outlet specification information:
L5-30: C-89

Color information:

BK (Black), RN (Orange), W (White)

BK	RN	W
(Black)	(Orange)	(White)

Compliances, specifications and availability are subject to change without notice.

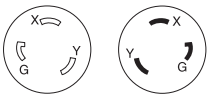
Indicates NAFTA compliant - Page Q-32

RoHS compliant - Page Q-32

Industrial grade 30A locking devices

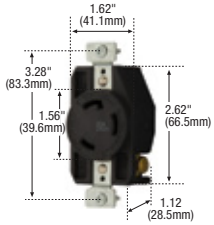
Product description

2-pole, 3-wire grounding
30A, 250V/AC
NEMA L6-30



L6-30R **L6-30P**

AHL630C



AHL630R

AHL630FO

Industrial grade plugs & connectors

Rating A	Rating V/AC	NEMA	Description	Cord diameter	Color	Plug catalog no.	Connector catalog no.		
30	250	L6-30	Ultra grip straight body	0.38-1.00" (9.5-25.4mm)	BK & W	☐ AHL630P	☐ AHL630C	•	•

Industrial grade receptacles

Rating A	Rating V/AC	NEMA	Description	Color	Single receptacle		
30	250	L6-30	Standard industrial	BK	☐ AHL630R	•	•
			Isolated ground	RN	☐ IGL630R*		•

*Not Fed Spec

Industrial grade inlets & outlets

Rating A	Rating V/AC	NEMA	Description	Color	Flanged inlet	Flanged outlet		
30	250	L6-30	Standard industrial	BK	☐ AHL630FI	—	•	•
			Standard industrial	BK & W	—	☐ AHL630FO†	•	•

†Only UL Listed & CSA Certified

Accessories for NEMA L6-30 locking devices

Description	Catalog no.	
Neoprene weather protective boot for 20/30A, 3-W locking plug	☐ BM1	•
Neoprene weather protective boot for 20/30A, 3-W locking connector	☐ BM2	•

BM1

BM2

Dimensional information:
C-76-C-78

Plug & connector specification information:
L6-30: C-84
Receptacle specification information:
L6-30: C-87
Isolated ground L6-30: C-87
Flanged inlet & flanged outlet specification information:
L6-30: C-89

Color information:

BK (Black), RN (Orange), W (White)

BK	RN	W
(Black)	(Orange)	(White)

Compliances, specifications and availability are subject to change without notice.

Indicates NAFTA compliant - Page Q-32

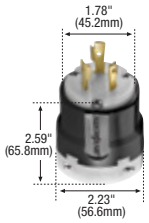
RoHS compliant - Page Q-32

Industrial grade 30A locking devices

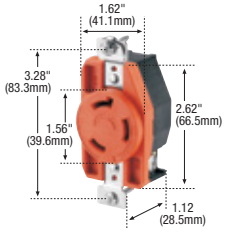
Product description

2-pole, 3-wire grounding
30A, 277V/AC
NEMA L7-30

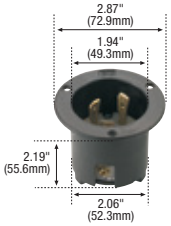
L7-30R **L7-30P**



AHL730P



IGL730R



AHL730FI

Industrial grade plugs & connectors

Rating A	Rating V/AC	Vinyl NEMA	Description	Cord diameter	Color	Plug catalog no.	Connector catalog no.		
30	277	L7-30	Ultra grip straight body	0.38-1.00" (9.5-25.4mm)	BK & W	☐ AHL730P	☐ AHL730C	•	•

Industrial grade receptacles

Rating A	Rating V/AC	NEMA	Description	Color	Single receptacle		
30	277	L7-30	Standard industrial	BK	☐ AHL730R	•	•
			Isolated ground	RN	☐ IGL730R*		•

*Not Fed Spec

Industrial grade flanged inlets & outlets

Rating A	Rating V/AC	NEMA	Description	Color	Flanged inlet	Flanged outlet	
30	277	L7-30	Standard industrial	BK	☐ AHL730FI	—	•
			Standard industrial	BK & W	—	☐ AHL730FO†	•

†Only UL Listed & CSA certified

Accessories for NEMA L7-30 locking devices

Description	Catalog no.	
Neoprene weather protective boot for 20/30A, 3-W locking plug	☐ BM1	•
Neoprene weather protective boot for 20/30A, 3-W locking connector	☐ BM2	•

BM1

BM2

Dimensional information:
C-76-C-78

Plug & connector specification information:
L7-30: C-84
Receptacle specification information:
L7-30: C-87
Isolated ground L7-30: C-87
Flanged inlet & flanged outlet specification information:
L7-30: C-89

Color information:

BK (Black), RN (Orange), W (White)

BK	RN	W
(Black)	(Orange)	(White)

Compliances, specifications and availability are subject to change without notice.

Indicates NAFTA compliant - Page Q-32

RoHS compliant - Page Q-32

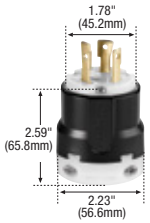
Industrial grade 30A locking devices

Product description

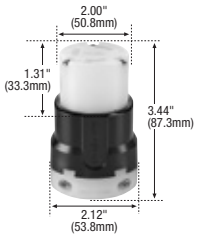
2-pole, 3-wire grounding
30A, 480V/AC
NEMA L8-30

L8-30R

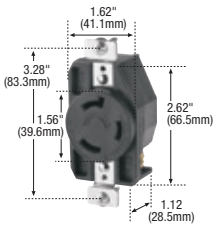
L8-30P



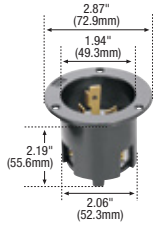
AHL830P



AHL830C



AHL830R



AHL830FI

Industrial grade plugs & connectors

Rating A	Rating V/AC	NEMA	Description	Cord diameter	Color	Plug catalog no.	Connector catalog no.		
30	480	L8-30	Ultra grip straight body	0.38-1.00" (9.5-25.4mm)	BK & W	☐ AHL830P	☐ AHL830C	•	•

Industrial grade receptacles

Rating A	Rating V/AC	NEMA	Description	Color	Single receptacle		
30	480	L8-30	Standard industrial	BK	☐ AHL830R	•	•
			Isolated ground	RN	☐ IGL830R*		•

*Not Fed Spec

Industrial grade inlets & outlets

Rating A	Rating V/AC	NEMA	Description	Color	Flanged inlet	Flanged outlet		
30	480	L8-30	Standard industrial	BK	☐ AHL830FI	—	•	•
			Standard industrial	BK & W	—	☐ AHL830FO†		•

†Only UL Listed & CSA certified

Accessories for NEMA L8-30 locking devices

Description	Catalog no.	
Neoprene weather protective boot for 20/30A, 3-W locking plug	☐ BM1	•
Neoprene weather protective boot for 20/30A, 3-W locking connector	☐ BM2	•

BM1

BM2

Dimensional information:
C-76-C-78

Plug & connector specification information:
L8-30: C-85
Receptacle specification information:
L8-30: C-87
Isolated ground L8-30: C-87
Flanged inlet & flanged outlet specification information:
L8-30: C-89, C-99

Color information:

BK (Black), RN (Orange), W (White)

BK	RN	W
(Black)	(Orange)	(White)

Compliances, specifications and availability are subject to change without notice.

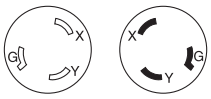
Indicates NAFTA compliant - Page Q-32

RoHS compliant - Page Q-32

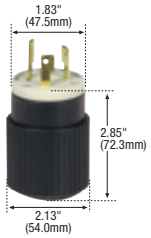
Industrial grade 30A locking devices

Product description

2-pole, 3-wire grounding
30A, 600V/AC
NEMA L9-30

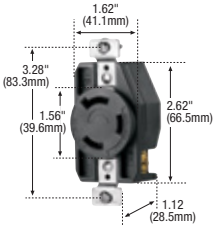


L9-30R L9-30P

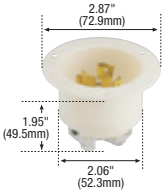


CWL930P

CWL930C



CWL930R



CWL930FI

Industrial grade plugs & connectors

Rating A	V/AC	NEMA	Description	Cord diameter	Color	Plug catalog no.	Connector catalog no.	RoHS
30	600	L9-30	Straight body	0.30-0.95" (7.6-24.1mm)	BK & W	☐ CWL930P	☐ CWL930C	•

Industrial grade receptacles

Rating A	V/AC	NEMA	Description	Color	Single receptacle	NAFTA	RoHS
30	600	L9-30	Standard industrial	BK	☐ CWL930R	•	•

Industrial grade flanged inlets & outlets

Rating A	V/AC	NEMA	Description	Color	Flanged inlet	Flanged outlet	RoHS
30	600	L9-30	Standard industrial	W	☐ CWL930FI	—	•
			Standard industrial	W	—	☐ CWL930FO†	•

†Only UL Listed & CSA certified

Accessories for NEMA 30A locking devices

Description	Catalog no.	NAFTA	RoHS
Die cast aluminum single receptacle cover, vertical mount, for FS/FD boxes	☐ 7420	•	•
Glass-filled nylon flanged inlet/outlet cover, vertical mount, for 30A devices	☐ WP2††	•	•

††Only UL Listed

7420

WP2

Color information:
BK (Black), W (White)

BK (Black) W (White)

Dimensional information:
C-77, C-78

Receptacle specification information:
L9-30: C-87

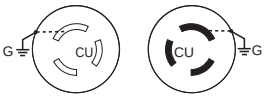
Compliances, specifications and availability are subject to change without notice.

Indicates NAFTA compliant - Page Q-32 RoHS compliant - Page Q-32

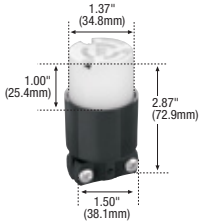
Industrial grade 10/15A locking devices

Product description

3-pole, 3-wire non-grounding
10A, 250V/AC; 15A, 125V/AC
Non-NEMA

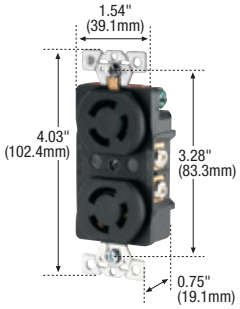


Receptacle **Plug**



4755

7567N



7580

Industrial grade plugs & connectors

Rating A	V/AC	Description	Cord diameter	Color	Plug catalog no.	Connector catalog no.		
10/15	125/250	Safety grip straight body	0.33-0.66" (8.4-16.7mm)	BK & W	☐4767	—	•	•
		Safety grip straight body	0.33-0.66" (8.4-16.7mm)	BK & W	—	☐4755	•	•
		Safety grip angled body	0.33-0.66" (8.4-16.7mm)	BK & W	☐4767AN	—	•	•
		Auto grip straight body	0.33-0.66" (8.4-16.7mm)	BK & W	☐7567N	☐7565N	•	•

Industrial grade receptacles

Rating A	V/AC	Description	Color	Single receptacle	Duplex receptacle		
10/15	125/250	Standard industrial	BK	☐7582	☐7580	•	•

Accessories for non-NEMA 10/15A locking devices

Description	Catalog no.		
Neoprene weather protective boot for 10/15A plug	☐BS1		•
Neoprene weather protective boot for 10/15A connector	☐BS2		•
Diecast aluminum single receptacle cover, vertical mount, for FS/FD boxes	☐7420	•	•
Glass-filled nylon flanged inlet/outlet cover, vertical mount, for 10/15A devices	☐WP1	•	•

BS1

BS2

7420

WP1

Dimensional information:
C-76-C-78

Plug & connector specification information:
Non-NEMA 10/15A: C-84

Receptacle specification information:
Non-NEMA 10/15A: C-86

Color information:

BK (Black), W (White)

BK	W
(Black)	(White)

Compliances, specifications and availability are subject to change without notice.

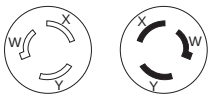
Indicates NAFTA compliant - Page Q-32

RoHS compliant - Page Q-32

Industrial grade 20A locking devices

Product description

3-pole, 3-wire non-grounding
20A, 125/250V/AC
Non-NEMA



Receptacle **Plug**

7314C

Industrial grade plugs & connectors

Rating A	Rating V/AC	Description	Cord diameter	Color	Plug catalog no.	Connector catalog no.		
20	125/250	Safety grip straight body	0.38-1.00" (9.5-25.4mm)	GY	☐ 9965C	☐ 7314C	•	•

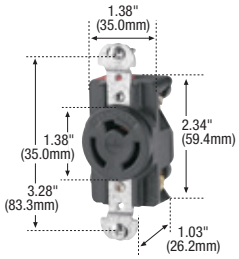
Industrial grade receptacles

Rating A	Rating V/AC	Description	Color	Single receptacle	
20	125/250	Standard industrial	BK	☐ 7310B	•

Industrial grade flanged inlets & outlets

Rating A	Rating V/AC	Description	Color	Flanged inlet	Flanged outlet		
20	125/250	Standard industrial	GY	☐ 7327N	—	•	•
		Standard industrial	GY	—	☐ 7328N††		•

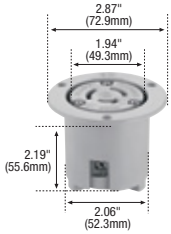
††Only UL Listed



7310B

Accessories for non-NEMA 20/30A locking devices

Description	Catalog no.	
Neoprene weather protective boot for 20/30A, 3-W locking plug	☐ BM1	•
Neoprene weather protective boot for 20/30A, 3-W locking connector	☐ BM2	•



7328N

BM1

BM2

Dimensional Information:
C-76-C-78

Plug & connector specification information:
Non-NEMA 20A: C-84
Receptacle specification information:
Non-NEMA 20A: C-87
Flanged inlet & flanged outlet specification information:
Non-NEMA 20A: C-89

Color information:

BK (Black), GY (Gray)

BK (Black) GY (Gray)

Compliances, specifications and availability are subject to change without notice.

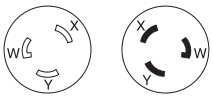
Indicates NAFTA compliant - Page Q-32

RoHS compliant - Page Q-32

Industrial grade 20A locking devices

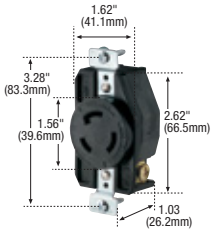
Product description

3-pole, 3-wire non-grounding
20A, 125/250V/AC
NEMA L10-20



L10-20R **L10-20P**

AHL1020P



AHL1020R

AHL1020FI

Industrial grade plugs & connectors

Rating A	V/AC	NEMA	Description	Cord diameter	Color	Plug catalog no.	Connector catalog no.		
20	125/250	L10-20	Ultra grip straight body	0.38-1.00" (9.5-25.4mm)	BK & W	☐ AHL1020P	☐ AHL1020C	•	•

Industrial grade receptacles

Rating A	V/AC	NEMA	Description	Color	Single receptacle		
20	125/250	L10-20	Standard industrial	BK	☐ AHL1020R	•	•

Industrial grade flanged inlets & outlets

Rating A	V/AC	NEMA	Description	Color	Flanged inlet	Flanged outlet		
20	125/250	L10-20	Standard industrial	BK	☐ AHL1020FI	—	•	•
			Standard industrial	BK & W	—	☐ AHL1020FO††	•	•

††Only UL Listed

Accessories for NEMA L10-20 locking devices

Description	Catalog no.		
Neoprene weather protective boot for 20/30A, 3-W locking plug	☐ BM1		•
Neoprene weather protective boot for 20/30A, 3-W locking connector	☐ BM2		•
Diecast aluminum single receptacle cover, vertical mount, for FS/FD boxes	☐ 7420	•	•

BM1

BM2

7420

Dimensional information:
C-76-C-78

Plug & connector specification information:
L10-20: C-84
Receptacle specification information:
L10-20: C-87
Flanged inlet & flanged outlet specification information:
L10-20: C-89

Color information:

BK (Black), W (White)

BK	W
(Black)	(White)

Compliances, specifications and availability are subject to change without notice.

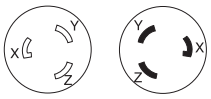
Indicates NAFTA compliant - Page Q-32

RoHS compliant - Page Q-32

Industrial grade 20A locking devices

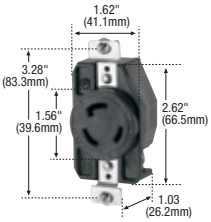
Product description

3-pole, 3-wire non-grounding
20A, 3Ø 250V/AC
NEMA L11-20



L11-20R L11-20P

AHL1120C



AHL1120R

AHL1120FO

Industrial grade plugs & connectors

Rating A	Rating V/AC	Vinyl NEMA	Description	Cord diameter	Color	Plug catalog no.	Connector catalog no.		
20	250	L11-20	3Ø ultra grip straight body	0.38-1.00" (9.5-25.4mm)	BK & W	☐ AHL1120P	☐ AHL1120C	•	•

Industrial grade receptacles

Rating A	Rating V/AC	NEMA	Description	Color	Single receptacle		
20	250	L11-20	3Ø standard industrial	BK	☐ AHL1120R	•	•

Industrial grade flanged inlets & outlets

Rating A	Rating V/AC	NEMA	Description	Color	Flanged inlet	Flanged outlet		
20	250	L11-20	3Ø standard industrial	BK	☐ AHL1120FI	—		•
			3Ø standard industrial	BK & W	—	☐ AHL1120FO††	•	•

††Only UL Listed

Accessories for NEMA L11-20 locking devices

Description	Catalog no.		
Neoprene weather protective boot for 20/30A, 3-W locking plug	☐ BM1		•
Neoprene weather protective boot for 20/30A, 3-W locking connector	☐ BM2		•
Diecast aluminum single receptacle cover, vertical mount, for FS/FD boxes	☐ 7420	•	•

BM1

BM2

7420

Dimensional information:
C-76-C-78

Plug & connector specification information:
L11-20: C-85
Receptacle specification information:
L11-20: C-87
Isolated ground L11-20: C-87
Flanged inlet & flanged outlet specification information:
L11-20: C-88, C-89

Color information:

BK (Black), W (White)

BK	W
(Black)	(White)

Compliances, specifications and availability are subject to change without notice.

Indicates NAFTA compliant - Page Q-32

RoHS compliant - Page Q-32

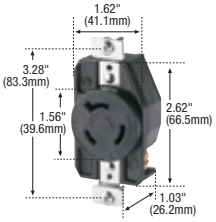
Industrial grade 20A locking devices

Product description

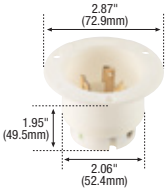
3-pole, 3-wire non-grounding
20A, 3Ø 480V/AC
NEMA L12-20

L12-20R **L12-20P**

CWL1220P



CWL1220R



CWL1220FI

Industrial grade plugs & connectors

Rating A	V/AC	NEMA	Description	Cord diameter	Color	Plug catalog no.	Connector catalog no.	RoHS
20	480	L12-20	3Ø straight body	0.38-1.00" (9.5-25.4mm)	BK & W	☐ CWL1220P	☐ CWL1220C	•

Industrial grade receptacles

Rating A	V/AC	NEMA	Description	Color	Single receptacle		RoHS
20	480	L12-20	3Ø standard industrial	BK	☐ CWL1220R	•	•

Industrial grade inlets & outlets

Rating A	V/AC	NEMA	Description	Color	Flanged inlet	Flanged outlet	RoHS
20	480	L12-20	3Ø standard industrial	W	☐ CWL1220FI	—	•
			3Ø standard industrial	W	—	☐ CWL1220FO†	•

†Only UL Listed & CSA certified

Accessories for NEMA L12-20 locking devices

Description	Catalog no.		RoHS
Diecast aluminum single receptacle cover, vertical mount, for FS/FD boxes	☐ 7420	•	•
Glass-filled nylon flanged inlet/outlet cover, vertical mount, for 20A devices	☐ WP2	•	•

7420

WP2

Color information:
BK (Black), W (White)

BK (Black) W (White)

Dimensional information:
C-77, C-78

Receptacle specification information:
L12-20: C-87

Compliances, specifications and availability are subject to change without notice.

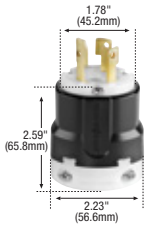
Indicates NAFTA compliant - Page Q-32 RoHS compliant - Page Q-32

Industrial grade 30A locking devices

Product description

3-pole, 3-wire non-grounding
30A, 125/250V/AC
Non-NEMA

Receptacle **Plug**



AH3331N

AH3333N

AH3336N

Industrial grade plugs & connectors

Rating A	Rating V/AC	Description	Cord diameter	Color	Plug catalog no.	Connector catalog no.		
30	125/250	Ultra grip straight body	0.38-1.00" (9.5-25.4mm)	BK & W	☐ AH3331N	☐ AH3333N	•	•

Industrial grade receptacles

Rating A	Rating V/AC	Description	Color	Single receptacle		
30	125/250	Standard industrial	BK	☐ AH3330	•	•

Industrial grade flanged inlets & outlets

Rating A	Rating V/AC	Description	Color	Flanged inlet	Flanged outlet		
30	125/250	Standard industrial	BK & W	☐ AH3337N	—	•	•
		Standard industrial	BK & W	—	☐ AH3336N††	•	•

††Only UL Listed

Accessories for Non-NEMA 30A locking devices

Description	Catalog no.		
Neoprene weather protective boot for 20/30A, 3-W locking plug	☐ BM1		•
Neoprene weather protective boot for 20/30A, 3-W locking connector	☐ BM2		•
Diecast aluminum single receptacle cover, vertical mount, for FS/FD boxes	☐ 7420	•	•

BM1

BM2

7420

Dimensional information:
C-76-C-78

Plug & connector specification information:
Non-NEMA 30A: C-84
Receptacle specification information:
Non-NEMA 30A: C-87
Flanged inlet & flanged outlet specification information:
Non-NEMA 30A: C-89

Color information:

BK (Black), W (White)

BK (Black) W (White)

Compliances, specifications and availability are subject to change without notice.

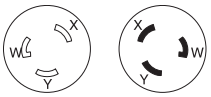
Indicates NAFTA compliant - Page Q-32

RoHS compliant - Page Q-32

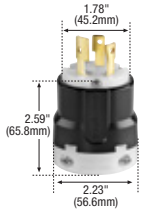
Industrial grade 30A locking devices

Product description

3-pole, 3-wire non-grounding
30A, 125/250V/AC
NEMA L10-30

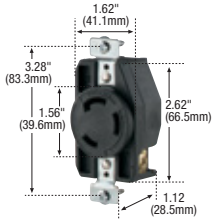


L10-30R **L10-30P**

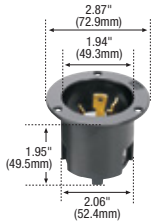


AHL1030P

AHL1030C



AHL1030R



AHL1030FI

Industrial grade plugs & connectors

Rating A	Rating V/AC	NEMA	Description	Cord diameter	Color	Plug catalog no.	Connector catalog no.		
30	125/250	L10-30	Ultra grip straight body	0.38-1.00" (9.5-25.4mm)	BK & W	☐ AHL1030P	☐ AHL1030C	•	•

Industrial grade receptacles

Rating A	Rating V/AC	NEMA	Description	Color	Single receptacle		
30	125/250	L10-30	Standard industrial	BK	☐ AHL1030R	•	•

Industrial grade inlets & outlets

Rating A	Rating V/AC	NEMA	Description	Color	Flanged inlet	Flanged outlet		
30	125/250	L10-30	Standard industrial	BK	☐ AHL1030FI	—	•	•
			Standard industrial	BK & W	—	☐ AHL1030FO††	•	•

††Only UL Listed

Accessories for NEMA L10-30 locking devices

Description	Catalog no.		
Neoprene weather protective boot for 20/30A, 3-W locking plug	☐ BM1		•
Neoprene weather protective boot for 20/30A, 3-W locking connector	☐ BM2		•
Diecast aluminum single receptacle cover, vertical mount, for FS/FD boxes	☐ 7420	•	•
Glass-filled nylon flanged inlet/outlet cover, vertical mount, for 30A devices	☐ WP2	•	•

BM1

BM2

7420

WP2

Dimensional information:
C-76-C-78

Plug & connector specification information:
L10-30: C-85
Receptacle specification information:
L10-30: C-87
Flanged inlet & flanged outlet specification information:
L10-30: C-89

Color information:

BK (Black), W (White)

BK	W
(Black)	(White)

Compliances, specifications and availability are subject to change without notice.

Indicates NAFTA compliant - Page Q-32

RoHS compliant - Page Q-32

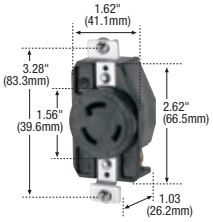
Industrial grade 30A locking devices

Product description

3-pole, 3-wire non-grounding
30A, 3Ø 250V/AC
NEMA L11-30

L11-30R **L11-30P**

AHL1130C



AHL1130R

CWL1130FI

Industrial grade plugs & connectors

Rating A	V/AC	NEMA	Description	Cord diameter	Color	Plug catalog no.	Connector catalog no.		
30	250	L11-30	3Ø ultra grip straight body	0.38-1.00" (9.5-25.4mm)	BK & W	☐ AHL1130P	☐ AHL1130C	•	•

Industrial grade receptacles

Rating A	V/AC	NEMA	Description	Color	Single receptacle		
30	250	L11-30	3Ø standard industrial	BK	☐ AHL1130R	•	•

Industrial grade flanged inlets & outlets

Rating A	V/AC	NEMA	Description	Color	Flanged inlet	Flanged outlet		
30	250	L11-30	3Ø standard industrial	BK	☐ AHL1130FI	—	•	•
			3Ø standard industrial	BK & W	—	☐ AHL1130FO†		•

†Only UL Listed & CSA certified

Accessories for NEMA L11-30 locking devices

Description	Catalog no.		
Neoprene weather protective boot for 20/30A, 3-W locking plug	☐ BM1		•
Neoprene weather protective boot for 20/30A, 3-W locking connector	☐ BM2		•
Diecast aluminum single receptacle cover, vertical mount, for FS/FD boxes	☐ 7420	•	•
Glass-filled nylon flanged inlet/outlet cover, vertical mount, for 30A devices	☐ WP2	•	•

BM1

BM2

7420

WP2

Dimensional information:
C-76-C-78

Plug & connector specification information:
L11-30: C-85
Receptacle specification information:
L11-30: C-87
Flanged inlet & flanged outlet specification information:
L11-30: C-89

Color information:
BK (Black), W (White)

BK (Black) W (White)

Compliances, specifications and availability are subject to change without notice.

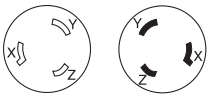
Indicates NAFTA compliant - Page Q-32

RoHS compliant - Page Q-32

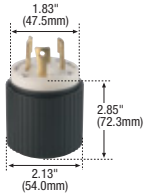
Industrial grade 30A locking devices

Product description

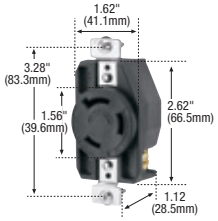
3-pole, 3-wire non-grounding
30A, 3Ø 480V/AC
NEMA L12-30



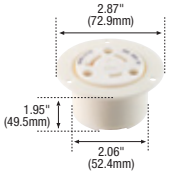
L12-30R **L12-30P**



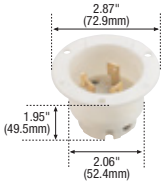
CWL1230P



CWL1230R



CWL1230FO



CWL1230FI

Industrial grade plugs & connectors

Rating A	V/AC	NEMA	Description	Cord diameter	Color	Plug catalog no.	Connector catalog no.	RoHS
30	480	L12-30	3Ø straight body	0.38-1.00" (9.5-25.4mm)	BK & W	☐ CWL1230P	☐ CWL1230C	•

Industrial grade receptacles

Rating A	V/AC	NEMA	Description	Color	Single receptacle		RoHS
30	480	L12-30	3Ø standard industrial	BK	☐ CWL1230R	•	•

Industrial grade flanged inlets & outlets

Rating A	V/AC	NEMA	Description	Color	Flanged inlet	Flanged outlet	RoHS
30	480	L12-30	3Ø standard industrial	W	☐ CWL1230FI	—	•
			3Ø standard industrial	W	—	☐ CWL1230FO[Δ]	•

[Δ]Not CSA certified

Accessories for NEMA L12-30 locking devices

Description	Catalog no.		RoHS
Diecast aluminum single receptacle cover, vertical mount, for FS/FD boxes	☐ 7420	•	•
Glass-filled nylon flanged inlet/outlet cover, vertical mount, for 30A devices	☐ WP2	•	•

7420

WP2

Color information:
BK (Black), W (White)

BK	W
(Black)	(White)

Dimensional information:
C-77, C-78

Receptacle specification information:
L12-30: C-87

Compliances, specifications and availability are subject to change without notice.

Indicates NAFTA compliant - Page Q-32 RoHS compliant - Page Q-32

Industrial grade 30A locking devices

Product description

3-pole, 3-wire non-grounding
30A, 3Ø 600V/AC
NEMA L13-30

L13-30R **L13-30P**

Industrial grade plugs & connectors

Rating A	V/AC	NEMA	Description	Cord diameter	Color	Plug catalog no.	Connector catalog no.	RoHS
30	600	L13-30	3Ø straight body	0.38-1.00" (9.5-25.4mm)	BK & W	☐ CWL1330P	☐ CWL1330C	•

Industrial grade receptacles

Rating A	V/AC	NEMA	Description	Color	Single receptacle	NAFTA	RoHS
30	600	L13-30	3Ø standard industrial	BK	☐ CWL1330R	•	•

Industrial grade inlets & outlets

Rating A	V/AC	NEMA	Description	Color	Flanged inlet	Flanged outlet	RoHS
30	600	L13-30	3Ø standard industrial	W	☐ CWL1330FI	—	•
			3Ø standard industrial	W	—	☐ CWL1330FO[Δ]	•

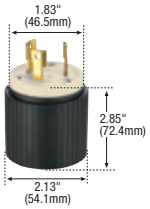
[Δ]Not CSA certified

Accessories for NEMA L13-30 locking devices

Description	Catalog no.	NAFTA	RoHS
Diecast aluminum single receptacle cover, vertical mount, for FS/FD boxes	☐ 7420	•	•
Glass-filled nylon flanged inlet/outlet cover, vertical mount, for 30A devices	☐ WP2	•	•

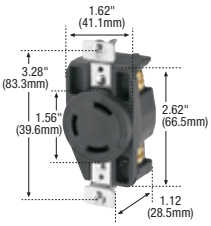
7420

WP2

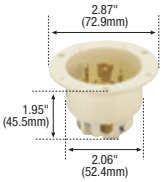


CWL1330P

CWL1330C



CWL1330R



CWL1330FI

Color information:
BK (Black), W (White)

BK	W
(Black)	(White)

Dimensional information:
C-77, C-78

Receptacle specification information:
L13-30: C-87

Compliances, specifications and availability are subject to change without notice.

Indicates NAFTA compliant - Page Q-32

RoHS compliant - Page Q-32

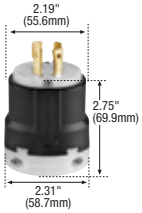
Industrial grade 20A locking devices

Product description

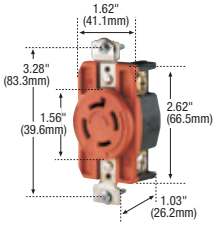
3-pole, 4-wire grounding
20A, 125/250V/AC
NEMA L14-20

L14-20R

L14-20P



AHL1420P



IGL1420R

AH1420FIBK

Industrial grade plugs & connectors

Rating A	V/AC	NEMA	Description	Cord diameter	Color	Plug catalog no.	Connector catalog no.		
20	125/250	L14-20	Ultra grip straight body	0.38-1.16" (9.5-29.4mm)	BK & W	☐ AHL1420P	☐ AHL1420C	•	•
			Ultra grip straight body	0.38-1.16" (9.5-29.4mm)	BK	☐ AHL1420PBK	☐ AHL1420CBK	•	

Industrial grade receptacles

Rating A	V/AC	NEMA	Description	Color	Single receptacle		
20	125/250	L14-20	Standard industrial	BK	☐ AHL1420R	•	•
			Isolated ground	RN	☐ IGL1420R*	•	•

*Not Fed Spec

Industrial grade flanged inlets & outlets

Rating A	V/AC	NEMA	Description	Color	Flanged inlet	Flanged outlet		
20	125/250	L14-20	Standard industrial	BK & W	☐ AHL1420FI	—	•	•
			Standard industrial	BK	☐ AH1420FIBK	—	•	•
			Standard industrial	BK & W	—	☐ AHL1420FO†	•	•
			Standard industrial	BK	—	☐ AH1420FOBK†	•	•

†Only UL Listed and CSA Certified

Accessories for 20A locking devices

Description	Catalog no.	
Neoprene weather protective boot for 4-W & 5-W plugs	☐ BL1	•
Neoprene weather protective boot for 4-W & 5-W connectors	☐ BL2	•

BL1

BL2

Dimensional information:
C-76-C-78

Plug & connector specification information:
L14-20: C-84
Receptacle specification information:
L14-20: C-87
Isolated ground L14-20: C-87
Flanged inlet & flanged outlet specification information:
L14-20: C-89

Color information:

BK (Black), RN (Orange), W (White)

BK	RN	W
(Black)	(Orange)	(White)

Compliances, specifications and availability are subject to change without notice.

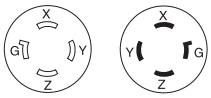
Indicates NAFTA compliant - Page Q-32

RoHS compliant - Page Q-32

Industrial grade 20A locking devices

Product description

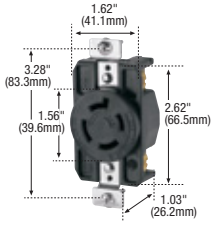
3-pole, 4-wire grounding
20A, 3Ø 250V/AC
NEMA L15-20



L15-20R **L15-20P**

AHL1520P

AHL1520C



AHL1520R

Industrial grade plugs & connectors

Rating A	V/AC	NEMA	Description	Cord diameter	Color	Plug catalog no.	Connector catalog no.		
20	250	L15-20	3Ø ultra grip straight body	0.38-1.16" (9.5-29.4mm)	BK & W	☐ AHL1520P	☐ AHL1520C	•	•

Industrial grade receptacles

Rating A	V/AC	NEMA	Description	Color	Single receptacle		
20	250	L15-20	3Ø standard industrial	BK	☐ AHL1520R[Δ]	•	•
			3Ø isolated ground	RN	☐ IGL1520R*	•	•

*Not Fed Spec, [Δ]Not NOM cert

Industrial grade flanged inlets & outlets

Rating A	V/AC	NEMA	Description	Color	Flanged inlet	Flanged outlet		
20	250	L15-20	3Ø standard industrial	BK	☐ AHL1520FI	—	•	•
			3Ø standard industrial	BK & W	—	☐ AHL1520FO[†]	•	•

[†]Only UL Listed and CSA Certified

Accessories for 20A locking devices

Description	Catalog no.		
Neoprene weather protective boot for 4-W & 5-W plugs	☐ BL1		•
Neoprene weather protective boot for 4-W & 5-W connectors	☐ BL2		•
Diecast aluminum single receptacle cover, vertical mount, for FS/FD boxes	☐ 7420	•	•
Glass-filled nylon flanged inlet/outlet cover, vertical mount, for 20A devices	☐ WP2	•	•

BL1

BL2

7420

WP2

Dimensional information:
C-76-C-78

Plug & connector specification information:
L15-20: C-84
Receptacle specification information:
L15-20: C-87
Isolated ground L15-20: C-87
Flanged inlet & flanged outlet specification information:
L15-20: C-89

Color information:

BK (Black), RN (Orange), W (White)

BK	RN	W
(Black)	(Orange)	(White)

Compliances, specifications and availability are subject to change without notice.

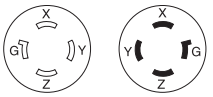
Indicates NAFTA compliant - Page Q-32

RoHS compliant - Page Q-32

Industrial grade 20A locking devices

Product description

3-pole, 4-wire grounding
20A, 3Ø 480V/AC
NEMA L16-20



L16-20R **L16-20P**

AHL1620P

AHL1620C

AHL1620FO

Industrial grade plugs & connectors

Rating A	Rating V/AC	NEMA	Description	Cord diameter	Color	Plug catalog no.	Connector catalog no.		
20	480	L16-20	3Ø ultra grip straight body	0.38-1.16" (9.5-29.4mm)	BK & W	☐ AHL1620P	☐ AHL1620C	•	•
			3Ø ultra grip straight body	0.38-1.16" (9.5-29.4mm)	BK	☐ AHL1620PBK	☐ AHL1620CBK	•	•

Industrial grade receptacles

Rating A	Rating V/AC	NEMA	Description	Color	Single receptacle		
20	480	L16-20	3Ø standard industrial	BK	☐ AHL1620R	•	•
			3Ø standard industrial	RN	☐ IGL1620R	•	•

Industrial grade inlets & outlets

Rating A	Rating V/AC	NEMA	Description	Color	Flanged inlet	Flanged outlet		
20	480	L16-20	3Ø standard industrial	BK	☐ AHL1620FI	—	•	•
			3Ø standard industrial	BK & W	—	☐ AHL1620FO†	•	•

†Only UL Listed ad CSA certified

Accessories for L16-20 locking devices

Description	Catalog no.		
Neoprene weather protective boot for 4-W & 5-W plugs	☐ BL1		•
Neoprene weather protective boot for 4-W & 5-W connectors	☐ BL2		•
Diecast aluminum single receptacle cover, vertical mount, for FS/FD boxes	☐ 7420	•	•
Glass-filled nylon flanged inlet/outlet cover, vertical mount, for 20A devices	☐ WP2	•	•

BL1

BL2

7420

WP2

Dimensional information:
C-76-C-78

Plug & connector specification information:
L16-20: C-84
Receptacle specification information:
L16-20: C-87
Isolated ground L16-20: C-87
Flanged inlet & flanged outlet specification information:
L16-20: C-89

Color information:

BK (Black), RN (Orange), W (White)

BK	RN	W
(Black)	(Orange)	(White)

Compliances, specifications and availability are subject to change without notice.

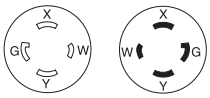
Indicates NAFTA compliant - Page Q-32

RoHS compliant - Page Q-32

Industrial grade 30A locking devices

Product description

3-pole, 4-wire grounding
30A, 125/250V/AC
NEMA L14-30



L14-30R L14-30P

AHL1430P

AHL1430C

AHL1430R

Industrial grade plugs & connectors

Rating A	V/AC	NEMA	Description	Cord diameter	Color	Plug catalog no.	Connector catalog no.		
30	125/250	L14-30	Ultra grip straight body	0.38-1.16" (9.5-29.4mm)	BK & W	☐ AHL1430P	☐ AHL1430C	•	•

Industrial grade receptacles

Rating A	V/AC	NEMA	Description	Color	Single receptacle		
30	125/250	L14-30	Standard industrial	BK	☐ AHL1430R	•	•
			Isolated ground	RN	☐ IGL1430R*	•	•

*Not Fed Spec

Industrial grade flanged inlets & outlets

Rating A	V/AC	NEMA	Description	Color	Flanged inlet	Flanged outlet		
30	125/250	L14-30	Standard industrial	BK	☐ AHL1430FI	—	•	•
			Standard industrial	BK & W	—	☐ AHL1430FO†	•	•

†Only UL Listed and CSA Certified

Accessories for L14-30 locking devices

Description	Catalog no.		
Neoprene weather protective boot for 4-W & 5-W plugs	☐ BL1		•
Neoprene weather protective boot for 4-W & 5-W connectors	☐ BL2		•
Diecast aluminum single receptacle cover, vertical mount, for FS/FD boxes	☐ 7420	•	•
Glass-filled nylon flanged inlet/outlet cover, vertical mount, for 30A devices	☐ WP2	•	•

BL1

BL2

7420

WP2

Dimensional information:
C-76-C-78

Plug & connector specification information:
L14-30: C-84
Receptacle specification information:
L14-30: C-87
Isolated ground L14-30: C-87
Flanged inlet & flanged outlet specification information:
L14-30: C-78

Color information:

BK (Black), RN (Orange), W (White)

BK	RN	W
(Black)	(Orange)	(White)

Compliances, specifications and availability are subject to change without notice.

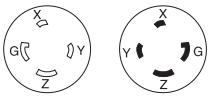
Indicates NAFTA compliant - Page Q-32

RoHS compliant - Page Q-32

Industrial grade 30A locking devices

Product description

3-pole, 4-wire grounding
30A, 3Ø 250V/AC
NEMA L15-30



L15-30R **L15-30P**

Industrial grade plugs & connectors

Rating A	V/AC	NEMA	Description	Cord diameter	Color	Plug catalog no.	Connector catalog no.		
30	250	L15-30	3Ø ultra grip straight body	0.38-1.16" (9.5-29.4mm)	BK & W	☐ AHL1530P	☐ AHL1530C	•	•

AHL1530P

Industrial grade receptacles

Rating A	V/AC	NEMA	Description	Color	Single receptacle		
30	250	L15-30	3Ø standard industrial	BK	☐ AHL1530R	•	•
			3Ø isolated ground	RN	☐ IGL1530R*	•	•

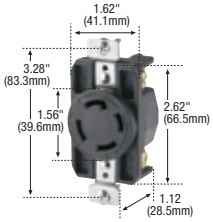
*Not Fed Spec

AHL1530C

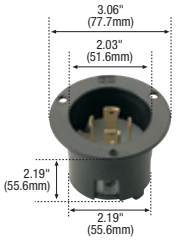
Industrial grade flanged inlets & outlets

Rating A	V/AC	NEMA	Description	Color	Flanged inlet	Flanged outlet		
30	250	L15-30	3Ø standard industrial	BK	☐ AHL1530FI	—	•	•
			3Ø standard industrial	BK & W	—	☐ AHL1530FO†	•	•

†Only UL Listed nd CSA Certified



AHL1530R



AHL1530FI

Accessories for L15-30 locking devices

Description	Catalog no.		
Neoprene weather protective boot for 4-W & 5-W plugs	☐ BL1		•
Neoprene weather protective boot for 4-W & 5-W connectors	☐ BL2		•
Diecast aluminum single receptacle cover, vertical mount, for FS/FD boxes	☐ 7420	•	•
Glass-filled nylon flanged inlet/outlet cover, vertical mount, for 30A devices	☐ WP2	•	•

BL1

BL2

7420

WP2

Dimensional information:
C-76-C-78

Plug & connector specification information:
L15-30: C-84
Receptacle specification information:
L15-30: C-87
Isolated ground L15-30: C-87
Flanged inlet & flanged outlet specification information:
L15-30: C-89

Color information:

BK (Black), RN (Orange), W (White)

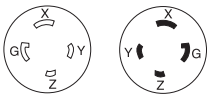
BK	RN	W
(Black)	(Orange)	(White)

Compliances, specifications and availability are subject to change without notice.

Indicates NAFTA compliant - Page Q-32

RoHS compliant - Page Q-32

Industrial grade 30A locking devices

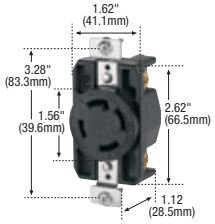


L16-30R L16-30P

Product description

3-pole, 4-wire grounding
30A, 3Ø 480V/AC
NEMA L16-30

AHL1630P



AHL1630R

AHL1630FI

Industrial grade plugs & connectors

Rating A	V/AC	NEMA	Description	Cord diameter	Color	Plug catalog no.	Connector catalog no.		
30	480	L16-30	3Ø ultra grip straight body	0.38-1.16" (9.5-29.4mm)	BK & W	☐ AHL1630P	☐ AHL1630C	•	•

Industrial grade receptacles

Rating A	V/AC	NEMA	Description	Color	Single receptacle		
30	480	L16-30	Standard industrial	BK	☐ AHL1630R	•	•

Industrial grade flanged inlets & outlets

Rating A	V/AC	NEMA	Description	Color	Flanged inlet	Flanged outlet		
30	480	L16-30	Standard industrial	BK	☐ AHL1630FI	—	•	•
			Standard industrial	BK & W	—	☐ AHL1630FO†	•	•

†Only UL Listed and CSA Certified

Accessories for L16-30 locking devices

Description	Catalog no.		
Neoprene weather protective boot for 4-W & 5-W plugs	☐ BL1		•
Neoprene weather protective boot for 4-W & 5-W connectors	☐ BL2		•
Diecast aluminum single receptacle cover, vertical mount, for FS/FD boxes	☐ 7420	•	•
Glass-filled nylon flanged inlet/outlet cover, vertical mount, for 30A devices	☐ WP2	•	•

BL1

BL2

7420

WP2

Dimensional information:
C-76-C-78

Plug & connector specification information:
L15-30: C-84
Receptacle specification information:
L15-30: C-87
Isolated ground L15-30: C-87
Flanged inlet & flanged outlet specification information:
L15-30: C-89

Color information:

BK (Black), W (White)

BK (Black) W (White)

Compliances, specifications and availability are subject to change without notice.

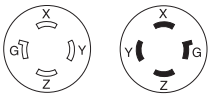
Indicates NAFTA compliant - Page Q-32

RoHS compliant - Page Q-32

Industrial grade 30A locking devices

Product description

3-pole, 4-wire grounding
30A, 3Ø 600V/AC
NEMA L17-30



L17-30R **L17-30P**

AHL1730P

AHL1730C

Industrial grade plugs & connectors

Rating A	V/AC	NEMA	Description	Cord diameter	Color	Plug catalog no.	Connector catalog no.		
30	600	L17-30	3Ø ultra grip straight body	0.38-1.16" (9.5-29.4mm)	BK & W	☐ AHL1730P	☐ AHL1730C	•	•

Industrial grade receptacles

Rating A	V/AC	NEMA	Description	Color	Single receptacle		
30	600	L17-30	3Ø standard industrial	BK	☐ AHL1730R	•	•

Industrial grade flanged inlets & outlets

Rating A	V/AC	NEMA	Description	Color	Flanged inlet	Flanged outlet		
30	600	L17-30	3Ø standard industrial	BK	☐ AHL1730FI	—	•	•
			3Ø standard industrial	BK & W	—	☐ AHL1730FO†	•	•

†Only UL Listed and CSA Certified

Accessories for L17-30 locking devices

Description	Catalog no.		
Neoprene weather protective boot for 4-W & 5-W plugs	☐ BL1		•
Neoprene weather protective boot for 4-W & 5-W connectors	☐ BL2		•
Diecast aluminum single receptacle cover, vertical mount, for FS/FD boxes	☐ 7420	•	•
Glass-filled nylon flanged inlet/outlet cover, vertical mount, for 30A devices	☐ WP2	•	•

BL1

BL2

7420

WP2

Dimensional information:
C-76-C-78

Plug & connector specification information:
L17-30: C-84
Receptacle specification information:
L17-30: C-87
Flanged inlet & flanged outlet specification information:
L17-30: C-89

Color information:

BK (Black), W (White)

BK	W
(Black)	(White)

Compliances, specifications and availability are subject to change without notice.

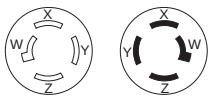
Indicates NAFTA compliant - Page Q-32

RoHS compliant - Page Q-32

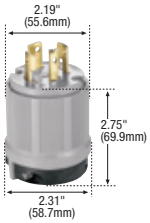
Industrial grade 20A locking devices

Product description

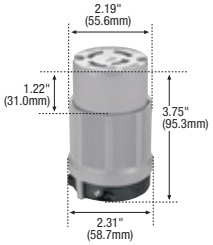
4-pole, 4-wire non-grounding
20A, 3ØY 120/208V/AC
Non-NEMA



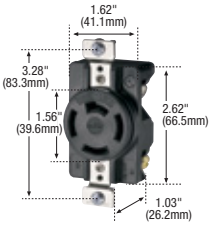
Receptacle **Plug**



7411C



7413C



7410B

7400N

Industrial grade plugs & connectors

A	Rating V/AC	Description	Cord diameter	Color	Plug catalog no.	Connector catalog no.		
20	120/208	3ØY safety grip straight body	0.63-1.16" (15.9-29.4mm)	GY	☐7411C	☐7413C*	•	•

*Not NOM cert

Industrial grade receptacles

A	Rating V/AC	Description	Color	Single receptacle		
20	120/208	3ØY standard industrial	BK	☐7410B	•	•

Industrial grade flanged inlets & outlets

A	Rating V/AC	Description	Color	Flanged inlet	Flanged outlet		
20	120/208	3ØY standard industrial	GY	☐7408N	☐7409N††	•	•

††Only UL Listed

Accessories for non-NEMA 20A locking devices

Description	Catalog no.		
Neoprene weather protective boot for 4-W & 5-W plugs	☐BL1		•
Neoprene weather protective boot for 4-W & 5-W connectors	☐BL2		•
Diecast aluminum single receptacle cover, vertical mount, for FS/FD boxes	☐7420	•	•
Glass-filled nylon flanged inlet/outlet cover, vertical mount, for 20A devices	☐WP2	•	•

BL1

BL2

7420

WP2

Dimensional information:
C-76-C-78

Plug & connector specification information:
Non-NEMA 20A: C-84
Receptacle specification information:
Non-NEMA 20A: C-87
Flanged inlet & flanged outlet specification information:
Non-NEMA 20A: C-89

Color information:

BK (Black), GY (Gray)

BK	GY
(Black)	(Gray)

Compliances, specifications and availability are subject to change without notice.

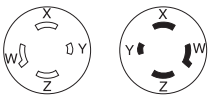
Indicates NAFTA compliant - Page Q-32

RoHS compliant - Page Q-32

Industrial grade 20A locking devices

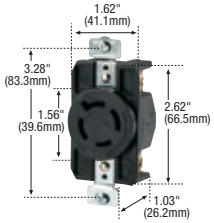
Product description

4-pole, 4-wire non-grounding
20A, 3Ø 120/208V/AC
NEMA L18-20

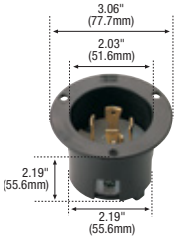


L18-20R **L18-20P**

AHL1820P



AHL1820R



AHL1820FI

Industrial grade plugs & connectors

Rating A	V/AC	NEMA	Description	Cord diameter	Color	Plug catalog no.	Connector catalog no.		
20	120/208	L18-20	3Ø ultra grip straight body	0.38-1.16" (9.5-29.4mm)	BK & W	☐ AHL1820P	☐ AHL1820C	•	•

Industrial grade receptacles

Rating A	V/AC	NEMA	Description	Color	Single receptacle		
20	120/208	L18-20	3Ø standard industrial	BK	☐ AHL1820R	•	•

Industrial grade flanged inlets & outlets

Rating A	V/AC	NEMA	Description	Color	Flanged inlet	Flanged outlet		
20	120/208	L18-20	3Ø standard industrial	BK	☐ AHL1820FI	—	•	•
			3Ø standard industrial	BK & W	—	☐ AHL1820FO††	•	•

††Only UL Listed

Accessories for L18-20 locking devices

Description	Catalog no.		
Neoprene weather protective boot for 4-W & 5-W plugs	☐ BL1		•
Neoprene weather protective boot for 4-W & 5-W connectors	☐ BL2		•
Diecast aluminum single receptacle cover, vertical mount, for FS/FD boxes	☐ 7420	•	•
Glass-filled nylon flanged inlet/outlet cover, vertical mount, for 20A devices	☐ WP2	•	•

BL1

BL2

7420

WP2

Dimensional information:
C-76-C-78

Plug & connector specification information:
L18-20: C-85
Receptacle specification information:
L18-20: C-87
Flanged inlet & flanged outlet specification information:
L18-20: C-89

Color information:

BK (Black), W (White)

BK (Black) W (White)

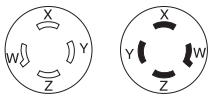
Compliances, specifications and availability are subject to change without notice.

Indicates NAFTA compliant - Page Q-32 RoHS compliant - Page Q-32

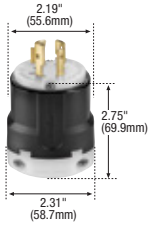
Industrial grade 20A locking devices

Product description

4-pole, 4-wire non-grounding
20A, 3ØY 277/480V/AC
NEMA L19-20



L19-20R L19-20P



AHL1920P

AHL1920FO

Industrial grade plugs & connectors

Rating A	V/AC	NEMA	Description	Cord diameter	Color	Plug catalog no.	Connector catalog no.		
20	277/480	L19-20	3ØY ultra grip straight body	0.38-1.16" (9.5-29.4mm)	BK & W	☐ AHL1920P	☐ AHL1920C	•	•

Industrial grade receptacles

Rating A	V/AC	NEMA	Description	Color	Single receptacle		
20	277/480	L19-20	3ØY standard industrial	BK	☐ AHL1920R	•	•

Industrial grade flanged inlets & outlets

Rating A	V/AC	NEMA	Description	Color	Flanged inlet	Flanged outlet		
20	277/480	L19-20	3ØY standard industrial	BK	☐ AHL1920FI	—	•	•
			3ØY standard industrial	BK & W	—	☐ AHL1920FO††		•

††Only UL Listed

Accessories for L19-20 locking devices

Description	Catalog no.		
Neoprene weather protective boot for 4-W & 5-W plugs	☐ BL1		•
Neoprene weather protective boot for 4-W & 5-W connectors	☐ BL2		•
Diecast aluminum single receptacle cover, vertical mount, for FS/FD boxes	☐ 7420	•	•
Glass-filled nylon flanged inlet/outlet cover, vertical mount, for 20A devices	☐ WP2	•	•

BL1

BL2

7420

WP2

Dimensional information:
C-76-C-78

Plug & connector specification information:
L19-20: C-84
Receptacle specification information:
L19-20: C-87
Flanged inlet & flanged outlet specification information:
L19-20: C-89

Color information:

BK (Black), W (White)

BK (Black) W (White)

Compliances, specifications and availability are subject to change without notice.

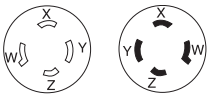
Indicates NAFTA compliant - Page Q-32

RoHS compliant - Page Q-32

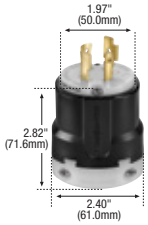
Industrial grade 20A locking devices

Product description

4-pole, 4-wire non-grounding
20A, 3ØY 347/600V/AC
NEMA L20-20

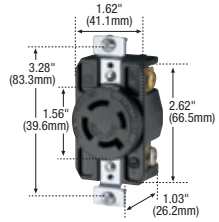


L20-20R **L20-20P**



AHL2020P

AHL2020C



AHL2020R

AHL2020FO

Industrial grade plugs & connectors

Rating A	Rating V/AC	NEMA	Description	Cord diameter	Color	Plug catalog no.	Connector catalog no.		
20	347/600	L20-20	3ØY ultra grip straight body	0.38-1.16" (9.5-29.4mm)	BK & W	☐ AHL2020P	☐ AHL2020C	•	•

Industrial grade receptacles

Rating A	Rating V/AC	NEMA	Description	Color	Single receptacle		
20	347/600	L20-20	3ØY standard industrial	BK	☐ AHL2020R	•	•

Industrial grade flanged inlets & outlets

Rating A	Rating V/AC	NEMA	Description	Color	Flanged inlet	Flanged outlet		
20	347/600	L20-20	3ØY standard industrial	BK	☐ AHL2020FI	—	•	•
			3ØY standard industrial	BK & W	—	☐ AHL2020FO††		•

††Only UL Listed

Accessories for L20-20 locking devices

Description	Catalog no.		
Neoprene weather protective boot for 4-W & 5-W plugs	☐ BL1		•
Neoprene weather protective boot for 4-W & 5-W connectors	☐ BL2		•
Diecast aluminum single receptacle cover, vertical mount, for FS/FD boxes	☐ 7420	•	•
Glass-filled nylon flanged inlet/outlet cover, vertical mount, for 20A devices	☐ WP2	•	•

BL1

BL2

7420

WP2

Dimensional information:
C-76-C-78

Plug & connector specification information:
L20-20: C-84
Receptacle specification information:
L20-20: C-87
Flanged inlet & flanged outlet specification information:
L20-20: C-89

Color information:

BK (Black), W (White)

BK	W
(Black)	(White)

Compliances, specifications and availability are subject to change without notice.

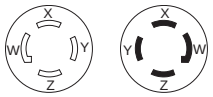
Indicates NAFTA compliant - Page Q-32

RoHS compliant - Page Q-32

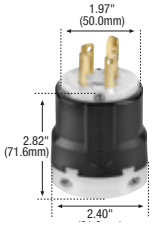
Industrial grade 30A locking devices

Product description

4-pole, 4-wire non-grounding
30A, 3ØY 120/208V/AC
Non-NEMA

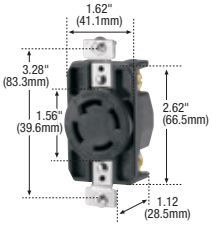


Receptacle **Plug**

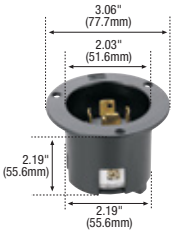


AH3431N

AH3433N



AH3430



AH3434N

Industrial grade plugs & connectors

Rating A	Rating V/AC	Description	Cord diameter	Color	Plug catalog no.	Connector catalog no.		
30	120/208	3ØY ultra grip straight body	0.38-1.16" (9.5-29.4mm)	BK & W	☐ AH3431N	☐ AH3433N	•	•

Industrial grade receptacles

Rating A	Rating V/AC	Description	Color	Single receptacle		
30	120/208	3ØY standard industrial	BK	☐ AH3430	•	•

Industrial grade flanged inlets & outlets

Rating A	Rating V/AC	Description	Color	Flanged inlet	Flanged outlet		
30	120/208	3ØY standard industrial	BK	☐ AH3434N	—		•
		3ØY standard industrial	BK & W	—	☐ AH3436N††	•	•

††Only UL Listed

Accessories for Non-NEMA 30A locking devices

Description	Catalog no.		
Neoprene weather protective boot for 4-W & 5-W plugs	☐ BL1		•
Neoprene weather protective boot for 4-W & 5-W connectors	☐ BL2		•
Diecast aluminum single receptacle cover, vertical mount, for FS/FD boxes	☐ 7420	•	•
Glass-filled nylon flanged inlet/outlet cover, vertical mount, for 30A devices	☐ WP2	•	•

BL1

BL2

7420

WP2

Dimensional information:
C-76-C-78

Plug & connector specification information:
Non-NEMA 30A: C-84
Receptacle specification information:
Non-NEMA 30A: C-87
Flanged inlet & flanged outlet specification information:
Non-NEMA 30A: C-89

Color information:

BK (Black), W (White)

BK	W
(Black)	(White)

Compliances, specifications and availability are subject to change without notice.

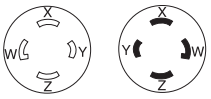
Indicates NAFTA compliant - Page Q-32

RoHS compliant - Page Q-32

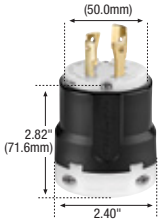
Industrial grade 30A locking devices

Product description

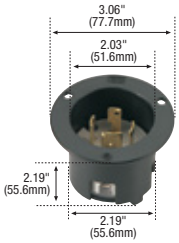
4-pole, 4-wire non-grounding
30A, 3Ø 120/208V/AC
NEMA L18-30



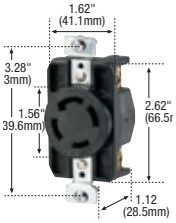
L18-30R **L18-30P**



AHL1830P



AHL1830FI



AHL1830R

Industrial grade plugs & connectors

Rating A	V/AC	NEMA	Description	Cord diameter	Color	Plug catalog no.	Connector catalog no.	
30	120/208	L18-30	3ØY ultra grip straight body	0.38-1.16" (9.5-29.4mm)	BK & W	☐ AHL1830P	☐ AHL1830C	•

Industrial grade receptacles

Rating A	V/AC	NEMA	Description	Color	Single receptacle	
30	120/208	L18-30	3ØY standard industrial	BK	☐ AHL1830R	•

Industrial grade flanged inlets & outlets

Rating A	V/AC	NEMA	Description	Color	Flanged inlet	Flanged outlet	
30	120/208	L18-30	3ØY standard industrial	BK	☐ AHL1830FI	—	•
			3ØY standard industrial	BK & W	—	☐ AHL1830FO††	

††Only UL Listed

Accessories for L18-30 locking devices

Description	Catalog no.		
Neoprene weather protective boot for 4-W & 5-W plugs	☐ BL1		•
Neoprene weather protective boot for 4-W & 5-W connectors	☐ BL2		•
Diecast aluminum single receptacle cover, vertical mount, for FS/FD boxes	☐ 7420	•	
Glass-filled nylon flanged inlet/outlet cover, vertical mount, for 30A devices	☐ WP2	•	

BL1

BL2

7420

WP2

Dimensional information:
C-76-C-78

Plug & connector specification information:
L18-30: C-85
Receptacle specification information:
L18-30: C-87
Flanged inlet & flanged outlet specification information:
L18-30: C-89

Color information:

BK (Black), W (White)

BK	W
(Black)	(White)

Compliances, specifications and availability are subject to change without notice.

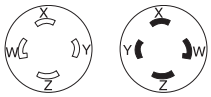
Indicates NAFTA compliant - Page Q-32

RoHS compliant - Page Q-32

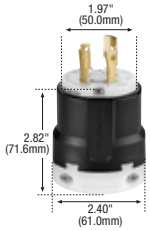
Industrial grade 30A locking devices

Product description

4-pole, 4-wire non-grounding
30A, 3ØY 277/480V/AC
NEMA L19-30

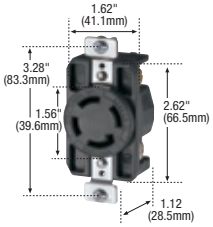


L19-30R **L19-30P**



AHL1930P

AHL1930C



AHL1930R

AHL1930FO

Industrial grade plugs & connectors

Rating A	Rating V/AC	NEMA	Description	Cord diameter	Color	Plug catalog no.	Connector catalog no.	
30	277/480	L19-30	3ØY ultra grip straight body	0.38-1.16" (9.5-29.4mm)	BK & W	☐ AHL1930P	☐ AHL1930C	•

Industrial grade receptacles

Rating A	Rating V/AC	NEMA	Description	Color	Single receptacle	
30	277/480	L19-30	3ØY standard industrial	BK	☐ AHL1930R	•

Industrial grade flanged inlets & outlets

Rating A	Rating V/AC	NEMA	Description	Color	Flanged inlet	Flanged outlet	
30	277/480	L19-30	3ØY standard industrial	BK	☐ AHL1930FI	—	•
			3ØY standard industrial	BK & W	—	☐ AHL1930FO††	•

††Only UL Listed

Accessories for L19-30 locking devices

Description	Catalog no.		
Neoprene weather protective boot for 4-W & 5-W plugs	☐ BL1		•
Neoprene weather protective boot for 4-W & 5-W connectors	☐ BL2		•
Diecast aluminum single receptacle cover, vertical mount, for FS/FD boxes	☐ 7420	•	•
Glass-filled nylon flanged inlet/outlet cover, vertical mount, for 30A devices	☐ WP2	•	

BL1

BL2

7420

WP2

Dimensional information:
C-76-C-78

Plug & connector specification information:
L19-30: C-84
Receptacle specification information:
L19-30: C-87
Flanged inlet & flanged outlet specification information:
L19-30: C-89

Color information:

BK (Black), W (White)

BK (Black) W (White)

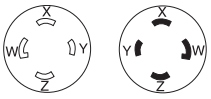
Compliances, specifications and availability are subject to change without notice.

Indicates NAFTA compliant - Page Q-32 RoHS compliant - Page Q-32

Industrial grade 30A locking devices

Product description

4-pole, 4-wire non-grounding
30A, 3ØY 347/600V/AC
NEMA L20-30



L20-30R **L20-30P**

AHL2030P

AHL2030C

AHL2030FO

Industrial grade plugs & connectors

Rating A	Rating V/AC	NEMA	Description	Cord diameter	Color	Plug catalog no.	Connector catalog no.		
30	347/600	L20-30	3ØY ultra grip straight body	0.38-1.16" (9.5-29.4mm)	BK & W	☐ AHL2030P	☐ AHL2030C	•	•

Industrial grade receptacles

Rating A	Rating V/AC	NEMA	Description	Color	Single receptacle		
30	347/600	L20-30	3ØY standard industrial	BK	☐ AHL2030R	•	•

Industrial grade flanged inlets & outlets

Rating A	Rating V/AC	NEMA	Description	Color	Flanged inlet	Flanged outlet	
30	347/600	L20-30	3ØY standard industrial	BK	☐ AHL2030FI	—	•
			3ØY standard industrial	BK & W	—	☐ AHL2030FO††	•

††Only UL Listed

Accessories for L20-30 locking devices

Description	Catalog no.		
Neoprene weather protective boot for 4-W & 5-W plugs	☐ BL1		•
Neoprene weather protective boot for 4-W & 5-W connectors	☐ BL2		•
Diecast aluminum single receptacle cover, vertical mount, for FS/FD boxes	☐ 7420	•	•
Glass-filled nylon flanged inlet/outlet cover, vertical mount, for 30A devices	☐ WP2	•	•

BL1

BL2

7420

WP2

Dimensional information:
C-76-C-78

Plug & connector specification information:
L20-30: C-84
Receptacle specification information:
L20-30: C-87
Flanged inlet & flanged outlet specification information:
L20-30: C-89

Color information:

BK (Black), W (White)

BK (Black) W (White)

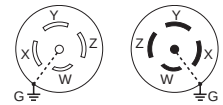
Compliances, specifications and availability are subject to change without notice.

Indicates NAFTA compliant - Page Q-32 RoHS compliant - Page Q-32

Industrial grade 10/20A locking devices

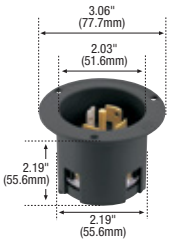
Product description

4-pole, 5-wire grounding
10A, 600V/AC; 20A 250V/AC
Non-NEMA



Receptacle **Plug**

AH3521BK



AH3524BK

Industrial grade plugs & connectors

Rating A	V/AC	Description	Cord diameter	Color	Plug catalog no.	Connector catalog no.		
10/20	600/250	Ultra grip straight body	0.38-1.16" (9.5-29.4mm)	BK	☐ AH3521BK	☐ AH3523BK	•	•

Industrial grade flanged inlets & outlets

Rating A	V/AC	Description	Color	Flanged inlet	Flanged outlet		
10/20	600/250	Standard industrial	BK	☐ AH3524BK	☐ AH3525BK††	•	•

††Only UL Listed

Accessories for Non-NEMA 10/20A locking devices

Description	Catalog no.		
Neoprene weather protective boot for 4-W & 5-W plugs	☐ BL1		•
Neoprene weather protective boot for 4-W & 5-W connectors	☐ BL2		•
Diecast aluminum single receptacle cover, vertical mount, for FS/FD boxes	☐ 7420	•	•
Glass-filled nylon flanged inlet/outlet cover, vertical mount, for 10/20A devices	☐ WP2	•	•

BL1

BL2

7420

WP2

Dimensional information:
C-76-C-78

Plug & connector specification information:
Non-NEMA
10/20A: C-84

Flanged inlet & flanged outlet specification information:
Non-NEMA 10/20A: C-89

Color information:

BK (Black)

BK

(Black)

Compliances, specifications and availability are subject to change without notice.

Indicates NAFTA compliant - Page Q-32

RoHS compliant - Page Q-32

Industrial grade 20A locking devices

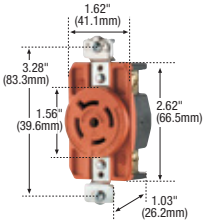
Product description

4-pole, 5-wire grounding
20A, 3ØY 120/208V/AC
NEMA L21-20

L21-20R

L21-20P

AHL2120PF



IGL2120R

AHL2120FI

Industrial grade plugs & connectors

Rating A	Rating V/AC	NEMA	Description	Cord diameter	Color	Plug catalog no.	Connector catalog no.		
20	120/208	L21-20	3ØY ultra grip straight body	0.38-1.16" (9.5-29.4mm)	BK & W	☐ AHL2120P	☐ AHL2120C	•	•
			3ØY ultra grip straight body	0.38-1.16" (9.5-29.4mm)	BK	☐ AHL2120PBK	☐ AHL2120CBK	•	•
			3ØY ultra grip flat cable, straight body	Max. 5-wire #10 AWG flat cable	GY	☐ AHL2120PF[Δ]	☐ AHL2120CF[Δ]	•	•

[Δ]Not UL Listed

Industrial grade receptacles

Rating A	Rating V/AC	NEMA	Description	Color	Single receptacle		
20	120/208	L21-20	3ØY standard industrial	BK	☐ AHL2120R	•	•
			3ØY isolated ground	RN	☐ IGL2120R*	•	•

*Not Fed Spec

Industrial grade flanged inlets

Rating A	Rating V/AC	NEMA	Description	Color	Flanged inlet		
20	120/208	L21-20	3ØY standard industrial	BK	☐ AHL2120FI	•	•

Industrial grade flanged outlets

Rating A	Rating V/AC	NEMA	Description	Color	Flanged outlet		
20	120/208	L21-20	3ØY standard industrial	BK & W	☐ AHL2120FO	•	•

Accessories for L21-20 locking devices

Description	Catalog no.		
Neoprene weather protective boot for 4-W & 5-W plugs	☐ BL1		•
Neoprene weather protective boot for 4-W & 5-W connectors	☐ BL2		•
Diecast aluminum single receptacle cover, vertical mount, for FS/FD boxes	☐ 7420	•	•
Glass-filled nylon flanged inlet/outlet cover, vertical mount, for 20A devices	☐ WP2	•	•

BL1

BL2

7420

WP2

Dimensional information:
C-76-C-78

Plug & connector specification information:
L21-20: C-85
Receptacle specification information:
L21-20: C-87
Isolated ground L21-20: C-87
Flanged inlet & flanged outlet specification information:
L21-20: C-89

Color information:

BK (Black), GY (Gray), RN (Orange), W (White)

BK	GY	RN	W
(Black)	(Gray)	(Orange)	(White)

Compliances, specifications and availability are subject to change without notice.

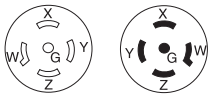
Indicates NAFTA compliant - Page Q-32

RoHS compliant - Page Q-32

Industrial grade 20A locking devices

Product description

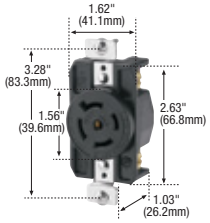
4-pole, 5-wire grounding
20A, 3ØY 277/480V/AC
NEMA L22-20



L22-20R L22-20P

AHL2220P

AHL2220C



AHL2220R

AHL2220FI

Industrial grade plugs & connectors

Rating A	V/AC	NEMA	Description	Cord diameter	Color	Plug catalog no.	Connector catalog no.		
20	277/ 480	L22-20	3ØY ultra grip straight body	0.38-1.16" (9.5-29.4mm)	BK & W	☐ AHL2220P	☐ AHL2220C	•	•

Industrial grade receptacles

Rating A	V/AC	NEMA	Description	Color	Single receptacle		
20	277/ 480	L22-20	3ØY standard industrial	BK	☐ AHL2220R	•	•

Industrial grade flanged inlets & outlets

Rating A	V/AC	NEMA	Description	Color	Flanged inlet	Flanged outlet		
20	277/ 480	L22-20	3ØY standard industrial	BK	☐ AHL2220FI	—		•
			3ØY standard industrial	BK & W	—	☐ AHL2220FO†	•	•

†Only UL Listed and CSA Certified

Accessories for L22-20 locking devices

Description	Catalog no.		
Neoprene weather protective boot for 4-W & 5-W plugs	☐ BL1		•
Neoprene weather protective boot for 4-W & 5-W connectors	☐ BL2		•
Diecast aluminum single receptacle cover, vertical mount, for FS/FD boxes	☐ 7420	•	•
Glass-filled nylon flanged inlet/outlet cover, vertical mount, for 20A devices	☐ WP2	•	•

BL1

BL2

7420

WP2

Dimensional information:
C-76-C-78

Plug & connector specification information:
L22-20: C-85
Receptacle specification information:
L22-20: C-87
Flanged inlet & flanged outlet specification information:
L22-20: C-89

Color information:
BK (Black), W (White)

BK (Black) W (White)

Compliances, specifications and availability are subject to change without notice.

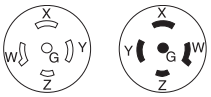
Indicates NAFTA compliant - Page Q-32

RoHS compliant - Page Q-32

Industrial grade 20A locking devices

Product description

4-pole, 5-wire grounding
20A, 3ØY 347/600V/AC
NEMA L23-20



L23-20R

L23-20P

AHL2320P

AHL2320C

AHL2320FO

Industrial grade plugs & connectors

Rating A	Rating V/AC	NEMA	Description	Cord diameter	Color	Plug catalog no.	Connector catalog no.	
20	347/600	L23-20	3ØY ultra grip straight body	0.38-1.16" (9.5-29.4mm)	BK & W	☐ AHL2320P	☐ AHL2320C	• •

Industrial grade receptacles

Rating A	Rating V/AC	NEMA	Description	Color	Single receptacle	
20	347/600	L23-20	3ØY standard industrial	BK	☐ AHL2320R	• •

Industrial grade flanged inlets & outlets

Rating A	Rating V/AC	NEMA	Description	Color	Flanged inlet	Flanged outlet	
20	347/600	L23-20	3ØY standard industrial	BK	☐ AHL2320FI	—	• •
			3ØY standard industrial	BK & W	—	☐ AHL2320FO†	•

†Only UL Listed and CSA Certified

Accessories for L22-20 locking devices

Description	Catalog no.	
Neoprene weather protective boot for 4-W & 5-W plugs	☐ BL1	•
Neoprene weather protective boot for 4-W & 5-W connectors	☐ BL2	•
Diecast aluminum single receptacle cover, vertical mount, for FS/FD boxes	☐ 7420	• •
Glass-filled nylon flanged inlet/outlet cover, vertical mount, for 20A devices	☐ WP2	• •

BL1

BL2

7420

WP2

Dimensional information:
C-76-C-78

Plug & connector specification information:
L23-20: C-84
Receptacle specification information:
L23-20: C-87
Flanged inlet & flanged outlet specification information:
L23-20: C-89

Color information:

BK (Black), W (White)

BK	W
(Black)	(White)

Compliances, specifications and availability are subject to change without notice.

Indicates NAFTA compliant - Page Q-32

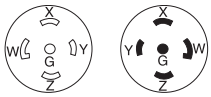
RoHS compliant - Page Q-32

C SECTION

Industrial grade 30A locking devices

Product description

4-pole, 5-wire grounding
30A, 3ØY 120/208V/AC
NEMA L21-30



L21-30R L21-30P

Industrial grade plugs & connectors

Rating A	V/AC	NEMA	Description	Cord diameter	Color	Plug catalog no.	Connector catalog no.		
30	120/208	L21-30	3ØY ultra grip straight body	0.38-1.16" (9.5-29.4mm)	BK & W	☐ AHL2130P	☐ AHL2130C	•	•
			3ØY ultra grip flat cable, straight body	Max. 5-wire #10 AWG flat cable	GY	☐ AHL2130PF[Δ]	☐ AHL2130CF[Δ]	•	•

[Δ]Not UL Listed

AHL2130PF

AHL2130C

Industrial grade receptacles

Rating A	V/AC	NEMA	Description	Color	Single receptacle		
30	120/208	L21-30	3ØY standard industrial	BK	☐ AHL2130R	•	•
			Isolated ground	RN	☐ IGL2130R*	•	•

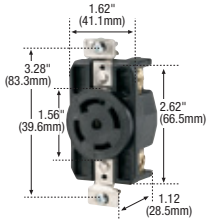
*Not Fed Spec

Industrial grade flanged inlets

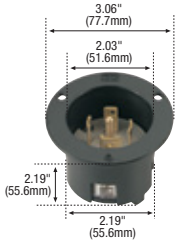
Rating A	V/AC	NEMA	Description	Color	Flanged inlet		
30	120/208	L21-30	3ØY standard industrial	BK	☐ AHL2130FI	•	•

Industrial grade flanged outlets

Rating A	V/AC	NEMA	Description	Color	Flanged outlet		
30	120/208	L21-30	3ØY standard industrial	BK & W	☐ AHL2130FO	•	•



AHL2130R



AHL2130FI

Accessories for L21-30 locking devices

Description	Catalog no.		
Neoprene weather protective boot for 4-W & 5-W plugs	☐ BL1		•
Neoprene weather protective boot for 4-W & 5-W connectors	☐ BL2		•
Diecast aluminum single receptacle cover, vertical mount, for FS/FD boxes	☐ 7420	•	•
Glass-filled nylon flanged inlet/outlet cover, vertical mount, for 30A devices	☐ WP2	•	•

BL1

BL2

7420

WP2

Dimensional information:
C-76-C-78

Plug & connector specification information:
L21-30: C-85
Receptacle specification information:
L21-30: C-87
Isolated ground L21-30: C-87
Flanged inlet & flanged outlet specification information:
L21-30: C-88

Color information:

BK (Black), GY (Gray), RN (Orange), W (White)

BK	GY	RN	W
(Black)	(Gray)	(Orange)	(White)

Compliances, specifications and availability are subject to change without notice.

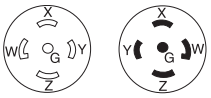
Indicates NAFTA compliant - Page Q-32

RoHS compliant - Page Q-32

Industrial grade 30A locking devices

Product description

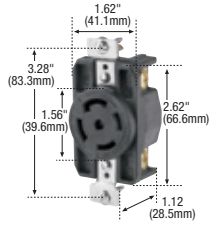
4-pole, 5-wire grounding
30A, 3ØY 277/480V/AC
NEMA L22-30



L22-30R L22-30P

AHL2230P

AHL2230C



AHL2230R

AHL2230FO

Industrial grade plugs & connectors

Rating A	Rating V/AC	NEMA	Description	Cord diameter	Color	Plug catalog no.	Connector catalog no.		
30	277/480	L22-30	3ØY ultra grip straight body	0.38-1.16" (9.5-29.4mm)	BK & W	☐ AHL2230P	☐ AHL2230C	•	•
			3ØY ultra grip flat cable, straight body	Max. 5-wire #10 AWG flat cable	GY	☐ AHL2230PF[Δ]	☐ AHL2230CF[Δ]	•	•

[Δ]Not UL Listed

Industrial grade receptacles

Rating A	Rating V/AC	NEMA	Description	Color	Single receptacle		
30	277/480	L22-30	3ØY standard industrial	BK	☐ AHL2230R	•	•
			3ØY isolated ground	RN	☐ IGL2230R	•	•

Industrial grade flanged inlets & outlets

Rating A	Rating V/AC	NEMA	Description	Color	Flanged inlet	Flanged outlet		
30	277/480	L22-30	3ØY standard industrial	BK	☐ AHL2230FI	—	•	•
			3ØY standard industrial	BK & W	—	☐ AHL2230FO[†]	•	•

[†]Only UL Listed and CSA Certified

Accessories for NEMA L22-30 locking devices

Description	Catalog no.		
Neoprene weather protective boot for 4-W & 5-W plugs	☐ BL1		•
Neoprene weather protective boot for 4-W & 5-W connectors	☐ BL2		•
Diecast aluminum single receptacle cover, vertical mount, for FS/FD boxes	☐ 7420	•	•
Glass-filled nylon flanged inlet/outlet cover, vertical mount, for 30A devices	☐ WP2	•	•

BL1

BL2

7420

WP2

Dimensional information:
C-76-C-78

Plug & connector specification information:
L22-30: C-85
Receptacle specification information:
L22-30: C-87
Isolated ground L22-30: C-87
Flanged inlet & flanged outlet specification information:
L22-30: C-89

Color information:

BK (Black), GY (Gray), RN (Orange), W (White)

BK	GY	RN	W
(Black)	(Gray)	(Orange)	(White)

Compliances, specifications and availability are subject to change without notice.

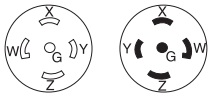
Indicates NAFTA compliant - Page Q-32

RoHS compliant - Page Q-32

Industrial grade 30A locking devices

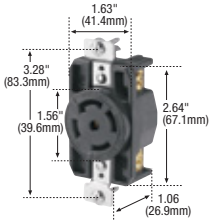
Product description

4-pole, 5-wire grounding
30A, 3ØY 347/600V/AC
NEMA L23-30



L23-30R L23-30P

AHL2330P



AHL2330R

AHL2330FO

Industrial grade plugs & connectors

Rating A	V/AC	NEMA	Description	Cord diameter	Color	Plug catalog no.	Connector catalog no.		
30	347/600	L23-30	3ØY ultra grip straight body	0.38-1.16" (9.5-29.4mm)	BK & W	☐ AHL2330P	☐ AHL2330C	•	•
			3ØY ultra grip flat cable, straight body	Max. 5-wire #10 AWG flat cable	GY	☐ AHL2330PF[Δ]	☐ AHL2330CF[Δ]	•	•

[Δ]Not UL Listed

Industrial grade receptacles

Rating A	V/AC	NEMA	Description	Color	Single receptacle		
30	347/600	L23-30	3ØY standard industrial	BK	☐ AHL2330R	•	•
			3ØY isolated ground	RN	☐ IGL2330R	•	•

Industrial grade flanged inlets & outlets

Rating A	V/AC	NEMA	Description	Color	Flanged inlet	Flanged outlet		
30	347/600	L23-30	3ØY standard industrial	BK	☐ AHL2330FI	—	•	•
			3ØY standard industrial	BK & W	—	☐ AHL2330FO[†]	•	•

[†]Only UL Listed and CSA Certified

Accessories for NEMA L23-30 locking devices

Description	Catalog no.		
Neoprene weather protective boot for 4-W & 5-W plugs	☐ BL1		•
Neoprene weather protective boot for 4-W & 5-W connectors	☐ BL2		•
Diecast aluminum single receptacle cover, vertical mount, for FS/FD boxes	☐ 7420	•	•
Glass-filled nylon flanged inlet/outlet cover, vertical mount, for 30A devices	☐ WP2	•	•

BL1

BL2

7420

WP2

Dimensional information:
C-76-C-78

Plug & connector specification information:
L23-30: C-84
Receptacle specification information:
L23-30: C-87
Isolated ground L23-30: C-87
Flanged inlet & flanged outlet specification information:
L23-30: C-89

Color information:

BK (Black), GY (Gray), RN (Orange), W (White)

BK	GY	RN	W
(Black)	(Gray)	(Orange)	(White)

Compliances, specifications and availability are subject to change without notice.

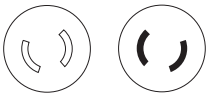
Indicates NAFTA compliant - Page Q-32

RoHS compliant - Page Q-32

Industrial grade 15A midget type locking devices

Product description

2-pole, 2-wire non-grounding
15A, 125V/AC
NEMA ML1



ML1R ML1P

Industrial grade plugs & connectors

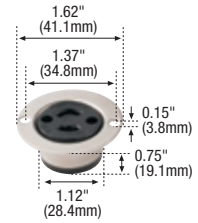
Rating A	Rating V/AC	NEMA	Description	Cord diameter	Color	Plug catalog no.	Connector catalog no.		
15	125	ML1	Nylon & phenolic straight body	0.22-0.31" (5.5-7.9mm)	BK	☐7465N	—		•
			Nylon & phenolic straight body	0.31-0.50" (7.9-12.7mm)	BK	☐7428N	—	•	•
			Polarized nylon & phenolic, straight body	0.22-0.31" (5.5-7.9mm)	BK	☐7479N	☐7464N		•
			Polarized nylon & phenolic, straight body	0.31-0.50" (7.9-12.7mm)	BK	☐7429N	☐7427N	•	•

7466

Industrial grade flanged inlets & outlets

Rating A	Rating V/AC	NEMA	Description	Color	Flanged inlet	Flanged outlet		
15	125	ML1	Phenolic body	BK	☐7466	—	•	•
			Polarized phenolic body	BK	☐7467	—	•	•
			Polarized glass-filled nylon body	BK	—	☐7468†	•	•

†Only UL Listed & CSA certified



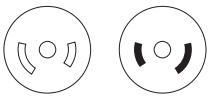
7468

7594

Industrial grade midget type locking devices

Product description

2-pole, 3-wire grounding
15A, 125V/AC
NEMA ML2



ML2R ML2P

Industrial grade plugs & connectors

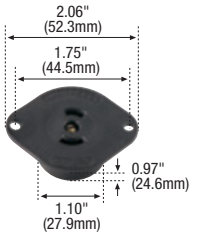
Rating A	Rating V/AC	NEMA	Description	Cord diameter	Color	Plug catalog no.	Connector catalog no.		
15	125	ML2	Nylon & phenolic straight body	0.28-0.42" (7.1-10.7mm)	BK	☐7594	—	•	•
			Glass-filled nylon straight body	0.28-0.42" (7.1-10.7mm)	BK	—	☐7593	•	•

7595N

Industrial grade flanged inlets & outlets

Rating A	Rating V/AC	NEMA	Description	Color	Flanged inlet	Flanged outlet		
15	125	ML2	Nylon & phenolic body, metal housing	BK	☐7595	—	•	•
			Nylon & phenolic body, metal housing	BK	—	☐7596†	•	•
			Glass-filled nylon body, nylon housing	BK	☐7595N	—	•	•
			Glass-filled nylon body, nylon housing	BK	—	☐7596N†	•	•

†Only UL Listed and CSA Certified



7596N

Dimensional information:
C-79, C-80

Plug & connector specification information:
C-90

Flanged inlet & flanged outlet specification information:
C-90

Color information:

BK (Black)

BK

(Black)

Compliances, specifications and availability are subject to change without notice.

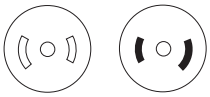
Indicates NAFTA compliant - Page Q-32

RoHS compliant - Page Q-32

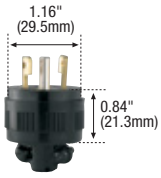
Industrial grade midget type 15A locking devices

Product description

3-pole, 3-wire non-grounding
15A, 125/250V/AC
NEMA ML3



ML3R ML3P



7485

7484

Industrial grade plugs & connectors

Rating A	V/AC	NEMA	Description	Cord diameter	Color	Plug catalog no.	Connector catalog no.		
15	125/250	ML3	Nylon & phenolic straight body	0.28-0.42" (7.1-10.7mm)	BK	☐ 7485	—	•	•
			Nylon & phenolic straight body	0.28-0.42" (7.1-10.7mm)	BK	—	☐ 7484	•	•

Industrial grade flanged inlets & outlets

Rating A	V/AC	NEMA	Description	Color	Flanged inlet	Flanged outlet		
15	125/250	ML3	Glass-filled nylon body, metal housing	BK	☐ 7486	—	•	•
			Glass-filled nylon body, metal housing	BK	—	☐ 7487†	•	•
			Nylon & phenolic body, nylon housing	BK	☐ 7486N	—	•	•
			Nylon & phenolic body, nylon housing	BK	—	☐ 7487N†	•	•

†Only UL Listed & CSA certified

Dimensional information:
C-79, C-80

Plug & connector specification information:
C-90

Flanged inlet & flanged outlet specification information:
C-90

Color information:

BK (Black)

BK

(Black)

Compliances, specifications and availability are subject to change without notice.

Indicates NAFTA compliant - Page Q-32

RoHS compliant - Page Q-32

Innovative design & rugged durability

Arrow Hart's unique pro grip design allows for quick and easy termination and assembly, saving valuable time on the job site. Superior design combined with rugged materials make Arrow Hart 50A devices ideal for temporary power applications

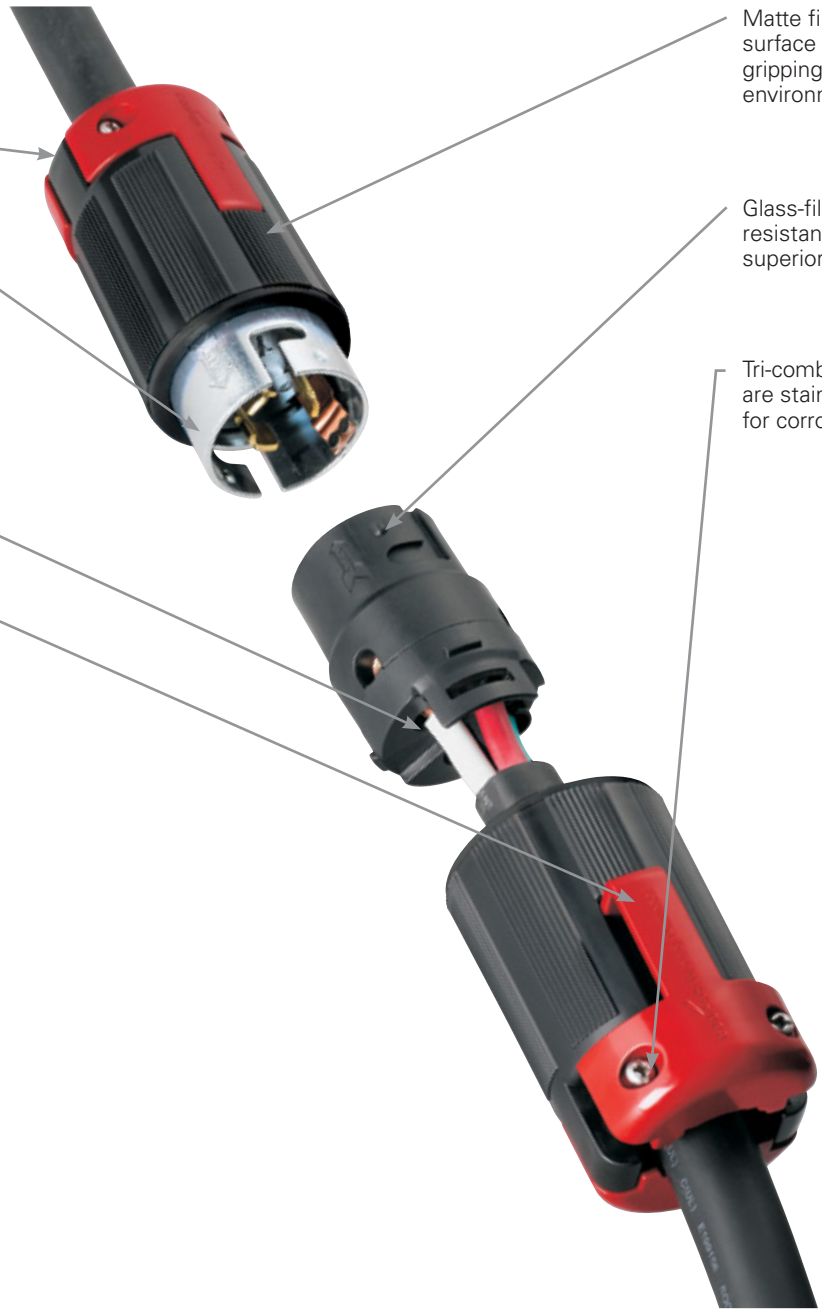
Pro grip 50A plugs & connectors features & benefits

High-impact-resistant nylon housing can endure the roughest abuse while providing added insulation, resistance to breakage and superior heat performance

Cold rolled plated steel plug shroud adds strength and resists corrosion

Deep tapered wire wells are clearly marked for easy insertion and isolation of up to #4 AWG solid or stranded wires

Performance feature pro grip lock provides visual confirmation that the device is assembled properly; 3-step assembly is fastest and easiest in the industry



Matte finish ribbed housing surface provides improved gripping and handling in any environment

Glass-filled nylon body for resistance to breakage and superior heat performance

Tri-combo assembly screws are stainless steel construction for corrosion resistance

Compliances, specifications and availability are subject to change without notice.

Exceptional receptacles & inlets

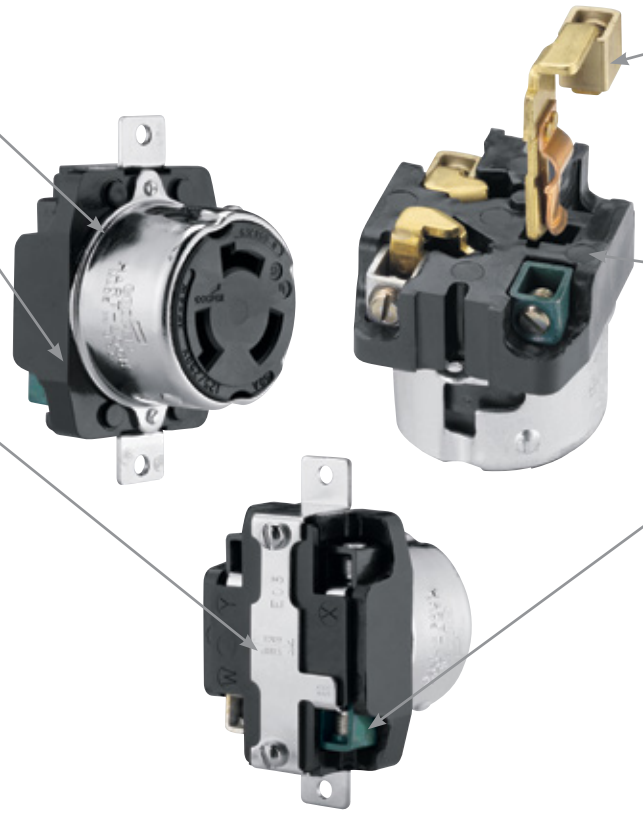
Innovative design, rugged materials and superior construction deliver lasting performance and reliable service in harsh industrial environments

50A receptacles features & benefits

Heavy gauge 0.078" steel shells

Rugged glass-filled nylon construction stands up to the toughest environments

Rugged single piece heavy-duty plated mounting strap for corrosion resistance; marine grade models are nickel plated



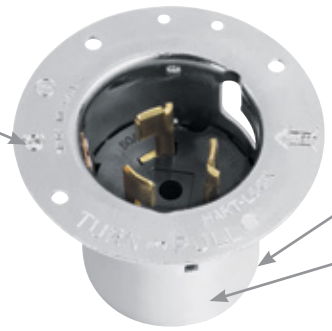
One-piece contacts provide continuity in the grounding and power circuits: brass alloy (shown), or nickel plated brass (marine grade versions)

Heavy interior walls for additional support

Large terminal box lugs for secure wiring

50A flanged inlets features & benefits

Rugged metal shells and housings consist of corrosion resistant plated steel



Back wired for quick and dependable conductor termination

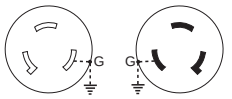
Deep, tapered wire wells for positive conductor insulation

Compliances, specifications and availability are subject to change without notice.

Industrial grade 50A locking devices

Product description

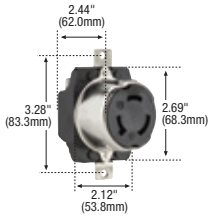
2-pole, 3-wire grounding
50A, 125V/AC
Non-NEMA, marine grade



Receptacle **Plug**

63CR61

63CR60



63CR70

Marine grade plugs & connectors

Rating A	Rating V/AC	Description	Cord diameter	Color	Plug catalog no.	Connector catalog no.		
50	125	Pro grip nylon	0.44-1.06" (11.1-26.0mm)	Y & BK	☐63CR61EX	☐63CR60EX	•	•
		Armored	0.68-1.13" (17.3-28.6mm)	Stainless steel	☐63CR61		•	•
		Armored	0.68-1.13" (17.3-28.6mm)	Stainless steel		☐63CR60		•

Marine grade receptacles

Rating A	Rating V/AC	Description	Color	Single receptacle		
50	125	Corrosion resistant	BK	☐63CR70	•	•

Accessories for 50A marine grade locking devices

Description	Color suffix	Catalog no.		
Weather protective glass-filled nylon, w/ lift lid cover	BK, CR, GY	☐7788__	•	•
Weather protective diecast aluminum, w/ lift lid cover		☐7770		•
Weather protective boot for 50A armored plug		☐7716		•
Weather protective boot for 50A armored connector		☐7717		•
Weather protective boot for 50A pro grip plug		☐7716EX		•
Weather protective boot for 50A pro grip connector		☐7717EX		•
For 50A armored connector when used w/ hull inlet (NOT California standard)		☐77CR15		•

7788CR Corrosion resistant

7770

7716

7717

7716EX

7717EX

77CR15

Dimensional information:
C-80, C-81

Plug & connector specification information:
50A: C-91

Receptacle specification information:
50A marine: C-91

Color ordering information:

For ordering devices, include Catalog no. followed by the Color suffix: BK (Black), GY (Gray), Y or CR (Yellow)

BK	GY	Y or CR	
(Black)	(Gray)	(Yellow)	(Stainless Steel)

Compliances, specifications and availability are subject to change without notice.

Indicates NAFTA compliant - Page Q-32

RoHS compliant - Page Q-32

Industrial grade 50A locking devices

Product description

2-pole, 3-wire grounding
50A, 125V/AC
Non-NEMA, California standard

Receptacle Plug

CS6361EX

CS6360EX

California standard plugs & connectors

Rating A	Rating V/AC	Description	Cord diameter	Color	Plug catalog no.	Connector catalog no.		
50	125	Pro grip nylon California standard	0.44-1.06" (11.1-26.0mm)	RD & BK	☐ CS6361EX	☐ CS6360EX	•	•
		Armored California standard	0.68-1.13" (17.3-28.6mm)	Stainless steel	☐ CS6361	☐ CS6360	•	•

California standard grade receptacles

Rating A	Rating V/AC	Description	Color	Single receptacle		
50	125	California standard receptacles	BK	☐ CS6370	•	•

California standard flanged inlets

Rating A	Rating V/AC	Description	Color	Flanged inlet	Flanged inlet w/ lid		
50	125	California standard flanged inlets	Stainless steel	☐ CS6377	☐ CS6378	•	•

Accessories for 50A California standard locking devices

Description	Color suffix	Catalog no.		
Weather protective glass-filled nylon, w/ lift lid cover	BK, CR, GY	☐ 7788__	•	•
Weather protective diecast aluminum, w/ lift lid cover		☐ 7770		•
Weather protective boot for 50A armored plug		☐ 7716		•
Weather protective boot for 50A armored connector		☐ 7717		•
Weather protective boot for 50A pro grip plug		☐ 7716EX		•
Weather protective boot for 50A pro grip connector		☐ 7717EX		•

7788CR Corrosion resistant

7770

7716

7717

7716EX

7717EX

Dimensional information:
C-80, C-81

Plug & connector specification information:
50A: C-92
Receptacle specification information:
50A: C-92
Flanged inlet & flanged outlet specification information:
50A: C-92

Color ordering information:

For ordering devices, include Catalog no. followed by the Color suffix: BK (Black), GY (Gray), RD (Red), Y or CR (Yellow)

BK	GY	RD	Y or CR	
(Black)	(Gray)	(Red)	(Yellow)	(Stainless Steel)

Compliances, specifications and availability are subject to change without notice.

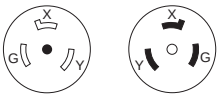
Indicates NAFTA compliant - Page Q-32

RoHS compliant - Page Q-32

Industrial grade 50A locking devices

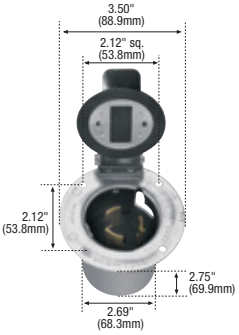
Product description

2-pole, 3-wire grounding
50A, 250V/AC
Non-NEMA, California standard



Receptacle **Plug**

CS8265



CS8277

California standard plugs & connectors

Rating A	Rating V/AC	Description	Cord diameter	Color	Plug catalog no.	Connector catalog no.		
50	250	Pro grip nylon California standard	0.44-1.06" (11.1-26.0mm)	RD & BK	☐ CS8265EX	☐ CS8264EX	•	•
		Armored California standard	0.68-1.13" (17.3-28.6mm)	Steel	☐ CS8265	☐ CS8264	•	•

California standard grade receptacles

Rating A	Rating V/AC	Description	Color	Single receptacle		
50	250	California standard receptacles	BK	☐ CS8269	•	•

California standard flanged inlets

Rating A	Rating V/AC	Description	Color	Flanged inlet	Flanged inlet w/ lid		
50	250	California standard flanged inlets	Steel	☐ CS8275	☐ CS8277	•	•

Accessories for 50A California standard locking devices

Description	Color suffix	Catalog no.		
Weather protective glass-filled nylon, w/ lift lid cover	BK, CR, GY	☐ 7788__	•	•
Weather protective diecast aluminum, w/ lift lid cover		☐ 7770		•
Weather protective boot for 50A armored plug		☐ 7716		•
Weather protective boot for 50A armored connector		☐ 7717		•
Weather protective boot for 50A pro grip plug		☐ 7716EX		•
Weather protective boot for 50A pro grip connector		☐ 7717EX		•

7788CR Corrosion resistant

7770

7716

7717

7716EX

7717EX

Dimensional information:
C-80, C-81

Plug & connector specification information:
50A: C-92
Receptacle specification information:
50A: C-92
Flanged inlet & flanged outlet specification information:
50A: C-92

Color ordering information:

For ordering devices, include Catalog no. followed by the Color suffix: BK (Black), GY (Gray), RD (Red), Y or CR (Yellow)

BK	GY	RD	Y or CR	
(Black)	(Gray)	(Red)	(Yellow)	(Steel)

Compliances, specifications and availability are subject to change without notice.

Indicates NAFTA compliant - Page Q-32 RoHS compliant - Page Q-32

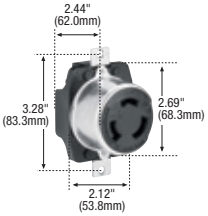
Industrial grade 50A locking devices

Product description

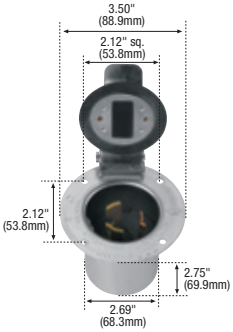
2-pole, 3-wire grounding
50A, 250V/DC / 600V/AC
Non-NEMA

Receptacle **Plug**

3763



3771



3767

Industrial grade plugs & connectors

A	Rating V/DC	Rating V/AC	Description	Cord diameter	Color	Plug catalog no.	Connector catalog no.		
50	250	600	Pro grip nylon	0.44-1.06" (11.1-26.0mm)	RD & BK	☐3763EX	☐3762EX	•	•
			Armored	0.68-1.13" (17.3-28.6mm)	Steel		☐3762	•	•
			Armored	0.68-1.13" (17.3-28.6mm)	Steel	☐3763		•	

Industrial grade receptacles

A	Rating V/DC	Rating V/AC	Description	Color	Single receptacle		
50	250	600	Industrial receptacles	BK	☐3771	•	•

Industrial grade flanged inlets

A	Rating V/DC	Rating V/AC	Description	Color	Flanged inlet	Flanged inlet w/ lid		
50	250	600	Industrial flanged inlets	Steel	☐3777	☐3767	•	•

Accessories for 50A industrial grade locking devices

Description	Color suffix	Catalog no.		
Weather protective glass-filled nylon, w/ lift lid cover	BK, CR, GY	☐7788__	•	•
Weather protective diecast aluminum, w/ lift lid cover		☐7770		•
Weather protective boot for 50A armored plug		☐7716		•
Weather protective boot for 50A armored connector		☐7717		•
Weather protective boot for 50A pro grip plug		☐7716EX		•
Weather protective boot for 50A pro grip connector		☐7717EX		•

7788CR
Corrosion resistant

7770

7716

7717

7716EX

7717EX

Dimensional information:
C-80, C-81

Plug & connector specification information:
50A: C-92
Receptacle specification information:
50A: C-92
Flanged inlet & flanged outlet specification information:
50A: C-92

Color ordering information:

For ordering devices, include Catalog no. followed by the Color suffix: BK (Black), GY (Gray), RD (Red), Y or CR (Yellow)

BK	GY	RD	Y or CR	
(Black)	(Gray)	(Red)	(Yellow)	(Steel)

Compliances, specifications and availability are subject to change without notice.

Indicates NAFTA compliant - Page Q-32

RoHS compliant - Page Q-32

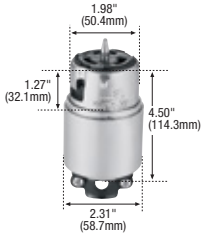
Industrial grade 50A locking devices

Product description

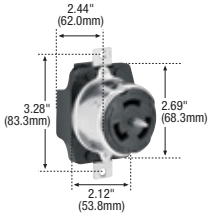
2-pole, 3-wire grounding
50A, 480V/AC
Non-NEMA, California standard

Receptacle

Plug



CS8464



CS8469

California standard plugs & connectors

Rating A	Rating V/AC	Description	Cord diameter	Color	Plug catalog no.	Connector catalog no.		
50	480	Pro grip nylon	0.44-1.06" (11.1-26.0mm)	RD & BK	☐ CS8465EX	☐ CS8464EX	•	•
		Armored	0.68-1.13" (17.3-28.6mm)	Steel	☐ CS8465	☐ CS8464	•	•

California standard grade receptacles

Rating A	Rating V/AC	Description	Color	Single receptacle		
50	480	California standard receptacles	BK	☐ CS8469	•	•

California standard flanged inlets

Rating A	Rating V/AC	Description	Color	Flanged inlet	Flanged inlet w/ lid		
50	480	California standard flanged inlets	Steel	☐ CS8475	☐ CS8477	•	•

Accessories for 50A California standard locking devices

Description	Color suffix	Catalog no.		
Weather protective glass-filled nylon, w/ lift lid cover	BK, CR, GY	☐ 7788__	•	•
Weather protective diecast aluminum, w/ lift lid cover		☐ 7770		•
Weather protective boot for 50A armored plug		☐ 7716		•
Weather protective boot for 50A armored connector		☐ 7717		•
Weather protective boot for 50A pro grip plug		☐ 7716EX		•
Weather protective boot for 50A pro grip connector		☐ 7717EX		•

7788CR Corrosion resistant

7770

7716

7717

7716EX

7717EX

Dimensional information:
C-80, C-81

Plug & connector specification information:
50A: C-92
Receptacle specification information:
50A: C-92
Flanged inlet & flanged outlet specification information:
50A: C-92

Color ordering information:

For ordering devices, include Catalog no. followed by the Color suffix: BK (Black), GY (Gray), RD (Red), Y or CR (Yellow)

BK	GY	RD	Y or CR	
(Black)	(Gray)	(Red)	(Yellow)	(Steel)

Compliances, specifications and availability are subject to change without notice.

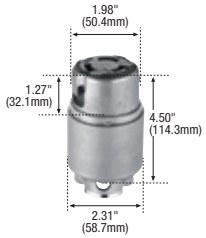
Indicates NAFTA compliant - Page Q-32
RoHS compliant - Page Q-32

Industrial grade 50A locking devices

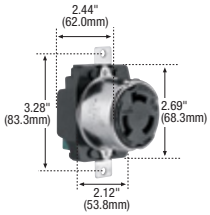
Product description

3-pole, 4-wire grounding
50A, 125/250V/AC
Non-NEMA, marine grade

Receptacle **Plug**



63CR64



63CR69

Marine grade plugs & connectors

Rating A	Rating V/AC	Description	Cord diameter	Color	Plug catalog no.	Connector catalog no.		
50	125/250	Pro grip nylon	0.44-1.06" (11.1-26.0mm)	Y & BK	☐ 63CR65EX	☐ 63CR64EX	•	•
		Armored	0.68-1.13" (17.3-28.6mm)	Stainless steel	☐ 63CR65	☐ 63CR64	•	•

Marine grade receptacles

Rating A	Rating V/AC	Description	Color	Single receptacle	
50	125/250	Corrosion resistant	BK	☐ 63CR69	•

Accessories for 50A marine grade locking devices

Description	Color suffix	Catalog no.		
Weather protective glass-filled nylon, w/ lift lid cover	BK, CR, GY	☐ 7788__	•	•
Weather protective diecast aluminum, w/ lift lid cover		☐ 7770		•
Weather protective boot for 50A armored plug		☐ 7716		•
Weather protective boot for 50A armored connector		☐ 7717		•
Weather protective boot for 50A pro grip plug		☐ 7716EX		•
Weather protective boot for 50A pro grip connector		☐ 7717EX		•
For 50A armored connector when used w/ hull inlet (NOT California standard)		☐ 77CR15		•

7788CR Corrosion resistant

7770

7716

7717

7716EX

7717EX

77CR15

Dimensional information:
C-80, C-81

Plug & connector specification information:
50A: C-91

Receptacle specification information:
50A marine: C-91

Color ordering information:

For ordering devices, include Catalog no. followed by the Color suffix: BK (Black), GY (Gray), Y or CR (Yellow)

BK	GY	Y or CR	
(Black)	(Gray)	(Yellow)	(Stainless Steel)

Compliances, specifications and availability are subject to change without notice.

Indicates NAFTA compliant - Page Q-32

RoHS compliant - Page Q-32

Industrial grade 50A locking devices

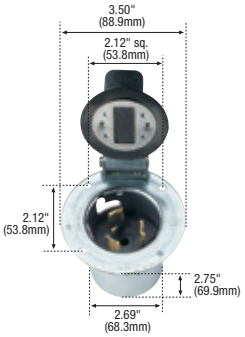
Product description

3-pole, 4-wire grounding
50A, 125/250V/AC
Non-NEMA, California standard

Receptacle **Plug**

CS6365EX

CS6364EX



CS6376

California standard plugs & connectors

Rating A	Rating V/AC	Description	Cord diameter	Color	Plug catalog no.	Connector catalog no.		
50	125/250	Pro grip nylon	0.44-1.06" (11.1-26.0mm)	RD & BK	☐ CS6365EX	☐ CS6364EX	•	•
		Armored	0.68-1.13" (17.3-28.6mm)	Steel	☐ CS6365		•	•
		Armored	0.68-1.13" (17.3-28.6mm)	Steel		☐ CS6364	•	•

California standard grade receptacles

Rating A	Rating V/AC	Description	Color	Single receptacle		
50	125/250	California standard receptacles	BK	☐ CS6369	•	•

California standard flanged inlets

Rating A	Rating V/AC	Description	Color	Flanged inlet	Flanged inlet w/ lid		
50	125/250	California standard flanged inlets	Steel	☐ CS6375	☐ CS6376	•	•

Accessories for 50A California standard locking devices

Description	Color suffix	Catalog no.		
Weather protective glass-filled nylon, w/ lift lid cover	BK, CR, GY	☐ 7788__	•	•
Weather protective diecast aluminum, w/ lift lid cover		☐ 7770		•
Weather protective boot for 50A armored plug		☐ 7716		•
Weather protective boot for 50A armored connector		☐ 7717		•
Weather protective boot for 50A pro grip plug		☐ 7716EX		•
Weather protective boot for 50A pro grip connector		☐ 7717EX		•

7788CR
Corrosion resistant

7770

7716

7717

7716EX

7717EX

Dimensional information:
C-80, C-81

Plug & connector specification information:
50A: C-92
Receptacle specification information:
50A: C-92
Flanged inlet & flanged outlet specification information:
50A: C-92

Color ordering information:

For ordering devices, include Catalog no. followed by the Color suffix: BK (Black), GY (Gray), RD (Red), Y or CR (Yellow)

BK	GY	RD	Y or CR	
(Black)	(Gray)	(Red)	(Yellow)	(Steel)

Compliances, specifications and availability are subject to change without notice.

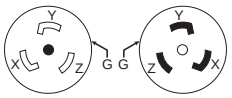
Indicates NAFTA compliant - Page Q-32

RoHS compliant - Page Q-32

Industrial grade 50A locking devices

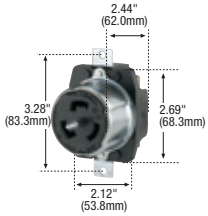
Product description

3-pole, 4-wire grounding
50A, 3Ø 250V/AC
Non-NEMA, California standard



Receptacle **Plug**

CS8364



CS8369

California standard plugs & connectors

Rating A	Rating V/AC	Description	Cord diameter	Color	Plug catalog no.	Connector catalog no.		
50	250	3Ø pro grip nylon	0.44-1.06" (11.1-26.0mm)	RD & BK	☐ CS8365EX	☐ CS8364EX	•	•
		3Ø armored	0.68-1.13" (17.3-28.6mm)	Steel	☐ CS8365	☐ CS8364	•	•

California standard grade receptacles

Rating A	Rating V/AC	Description	Color	Single receptacle	
50	250	3Ø California standard receptacles	BK	☐ CS8369	•

California standard flanged inlets

Rating A	Rating V/AC	Description	Color	Flanged inlet	Flanged inlet w/ lid	
50	250	3Ø California standard flanged inlets	Steel	☐ CS8375	☐ CS8377	•

Accessories for 50A California standard locking devices

Description	Color suffix	Catalog no.		
Weather protective glass-filled nylon, w/ lift lid cover	BK, CR, GY	☐ 7788__	•	•
Weather protective diecast aluminum, w/ lift lid cover		☐ 7770		•
Weather protective boot for 50A armored plug		☐ 7716		•
Weather protective boot for 50A armored connector		☐ 7717		•
Weather protective boot for 50A pro grip plug		☐ 7716EX		•
Weather protective boot for 50A pro grip connector		☐ 7717EX		•

7788CR Corrosion resistant

7770

7716

7717

7716EX

7717EX

Dimensional information:
C-80, C-81

Plug & connector specification information:
50A: C-92
Receptacle specification information:
50A: C-92
Flanged inlet & flanged outlet specification information:
50A: C-92

Color ordering information:

For ordering devices, include Catalog no. followed by the Color suffix: BK (Black), GY (Gray), RD (Red), Y or CR (Yellow)

BK	GY	RD	Y or CR	
(Black)	(Gray)	(Red)	(Yellow)	(Steel)

Compliances, specifications and availability are subject to change without notice.

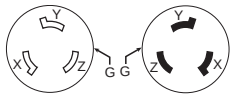
Indicates NAFTA compliant - Page Q-32

RoHS compliant - Page Q-32

Industrial grade 50A locking devices

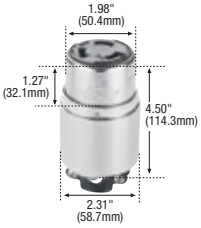
Product description

3-pole, 4-wire grounding
50A, 250V/DC / 600V/AC
Non-NEMA

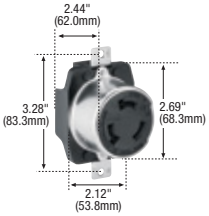


Receptacle **Plug**

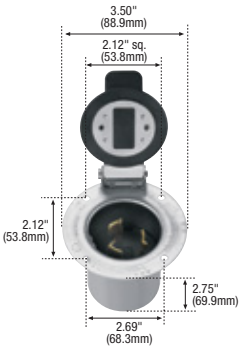
3765



3764



3769



3768

Industrial grade plugs & connectors

A	Rating V/DC	V/AC	Description	Cord diameter	Color	Plug catalog no.	Connector catalog no.		
50	250	600	Pro grip nylon	0.44-1.06" (11.1-26.0mm)	RD & BK	☐ 3765EX	☐ 3764EX	•	•
			Armored	0.68-1.13" (17.3-28.6mm)	Steel	☐ 3765	☐ 3764	•	•

Industrial grade receptacles

A	Rating V/DC	V/AC	Description	Color	Single receptacle		
50	250	600	Receptacles	BK	☐ 3769	•	•

Industrial grade flanged inlets

A	Rating V/DC	V/AC	Description	Color	Flanged inlet	Flanged inlet w/ lid		
50	250	600	Flanged inlets	Steel	☐ 3775	•	☐ 3768	•	•

Accessories for 50A industrial grade locking devices

Description	Color suffix	Catalog no.		
Weather protective glass-filled nylon, w/ lift lid cover	BK, CR, GY	☐ 7788__	•	•
Weather protective diecast aluminum, w/ lift lid cover		☐ 7770		•
Weather protective boot for 50A armored plug		☐ 7716		•
Weather protective boot for 50A armored connector		☐ 7717		•
Weather protective boot for 50A pro grip plug		☐ 7716EX		•
Weather protective boot for 50A pro grip connector		☐ 7717EX		•

7788CR Corrosion resistant

7770

7716

7717

7716EX

7717EX

Dimensional information:
C-80, C-81

Plug & connector specification information:
50A: C-92
Receptacle specification information:
50A: C-92
Flanged inlet & flanged outlet specification information:
50A: C-92

Color ordering information:

For ordering devices, include Catalog no. followed by the Color suffix: BK (Black), GY (Gray), RD (Red), Y or CR (Yellow)

BK	GY	RD	Y or CR	
(Black)	(Gray)	(Red)	(Yellow)	(Steel)

Compliances, specifications and availability are subject to change without notice.

Indicates NAFTA compliant - Page Q-32

RoHS compliant - Page Q-32

Industrial grade 50A locking devices

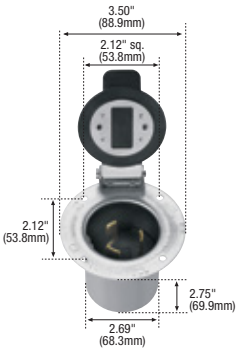
Product description

3-pole, 4-wire grounding
50A, 250V/DC / 600V/AC
Non-NEMA

Receptacle **Plug**

7765EX

7764EX



7968

Industrial grade plugs & connectors

A	Rating V/DC	V/AC	Description	Cord diameter	Color	Plug catalog no.	Connector catalog no.		
50	250	600	Pro grip nylon	0.44-1.06" (11.1-26.0mm)	RD & BK	☐ 7765EX*	☐ 7764EX*	•	•
			Armored	0.68-1.13" (17.3-28.6mm)	Steel	☐ 7765*	☐ 7764*	•	•

*For replacement use in existing installations only

Industrial grade receptacles

A	Rating V/DC	V/AC	Description	Color	Single receptacle	
50	250	600	Receptacles	BK	☐ 7379*	•

*For replacement use in existing installations only

Industrial grade flanged inlets

A	Rating V/DC	V/AC	Description	Color	Flanged inlet	Flanged inlet w/ lid		
50	250	600	Flanged inlets	Steel	☐ 7958*	☐ 7968*	•	•

*For replacement use in existing installations only

Accessories for 50A industrial grade locking devices

Description	Color suffix	Catalog no.		
Weather protective glass-filled nylon, w/ lift lid cover	BK, CR, GY	☐ 7788__	•	•
Weather protective diecast aluminum, w/ lift lid cover		☐ 7770		•
Weather protective boot for 50A armored plug		☐ 7716		•
Weather protective boot for 50A armored connector		☐ 7717		•
Weather protective boot for 50A pro grip plug		☐ 7716EX		•
Weather protective boot for 50A pro grip connector		☐ 7717EX		•

7788CR Corrosion resistant

7770

7716

7717

7716EX

7717EX

Dimensional information:
C-80, C-81

Plug & connector specification information:
50A: C-92
Receptacle specification information:
50A: C-92
Flanged inlet & flanged outlet specification information:
50A: C-92

Color ordering information:

For ordering devices, include Catalog no. followed by the Color suffix: BK (Black), GY (Gray), RD (Red), Y or CR (Yellow)

BK	GY	RD	Y or CR	
(Black)	(Gray)	(Red)	(Yellow)	(Steel)

Compliances, specifications and availability are subject to change without notice.

Indicates NAFTA compliant - Page Q-32

RoHS compliant - Page Q-32

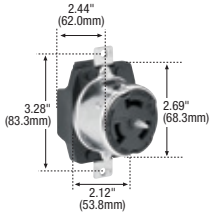
Industrial grade 50A locking devices

Product description

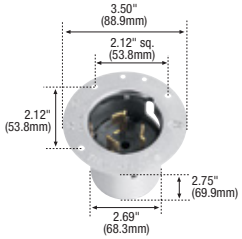
3-pole, 4-wire grounding
50A, 3Ø 480V/AC
Non-NEMA, California standard

Receptacle **Plug**

CS8164



CS8169



CS8175

California standard plugs & connectors

Rating A	Rating V/AC	Description	Cord diameter	Color	Plug catalog no.	Connector catalog no.		
50	480	3Ø pro grip nylon	0.44-1.06" (11.1-26.0mm)	RD & BK	☐ CS8165EX	☐ CS8164EX	•	•
		3Ø armored	0.68-1.13" (17.3-28.6mm)	Steel	☐ CS8165	☐ CS8164	•	•

California standard grade receptacles

Rating A	Rating V/AC	Description	Color	Single receptacle		
50	480	3Ø California standard receptacles	BK	☐ CS8169	•	•

California standard flanged inlets

Rating A	Rating V/AC	Description	Color	Flanged inlet	Flanged inlet w/ lid		
50	480	3Ø California standard flanged inlets	Steel	☐ CS8175	☐ CS8177	•	•

Accessories for 50A California standard locking devices

Description	Color suffix	Catalog no.		
Weather protective glass-filled nylon, w/ lift lid cover	BK, CR, GY	☐ 7788__	•	•
Weather protective diecast aluminum, w/ lift lid cover		☐ 7770		•
Weather protective boot for 50A armored plug		☐ 7716		•
Weather protective boot for 50A armored connector		☐ 7717		•
Weather protective boot for 50A pro grip plug		☐ 7716EX		•
Weather protective boot for 50A pro grip connector		☐ 7717EX		•

7788CR Corrosion resistant

7770

7716

7717

7716EX

7717EX

Dimensional information:
C-80, C-81

Plug & connector specification information:
50A: C-92
Receptacle specification information:
50A: C-92
Flanged inlet & flanged outlet specification information:
50A: C-92

Color ordering information:

For ordering devices, include Catalog no. followed by the Color suffix: BK (Black), GY (Gray), RD (Red), Y or CR (Yellow)

BK	GY	RD	Y or CR	
(Black)	(Gray)	(Red)	(Yellow)	(Steel)

Compliances, specifications and availability are subject to change without notice.

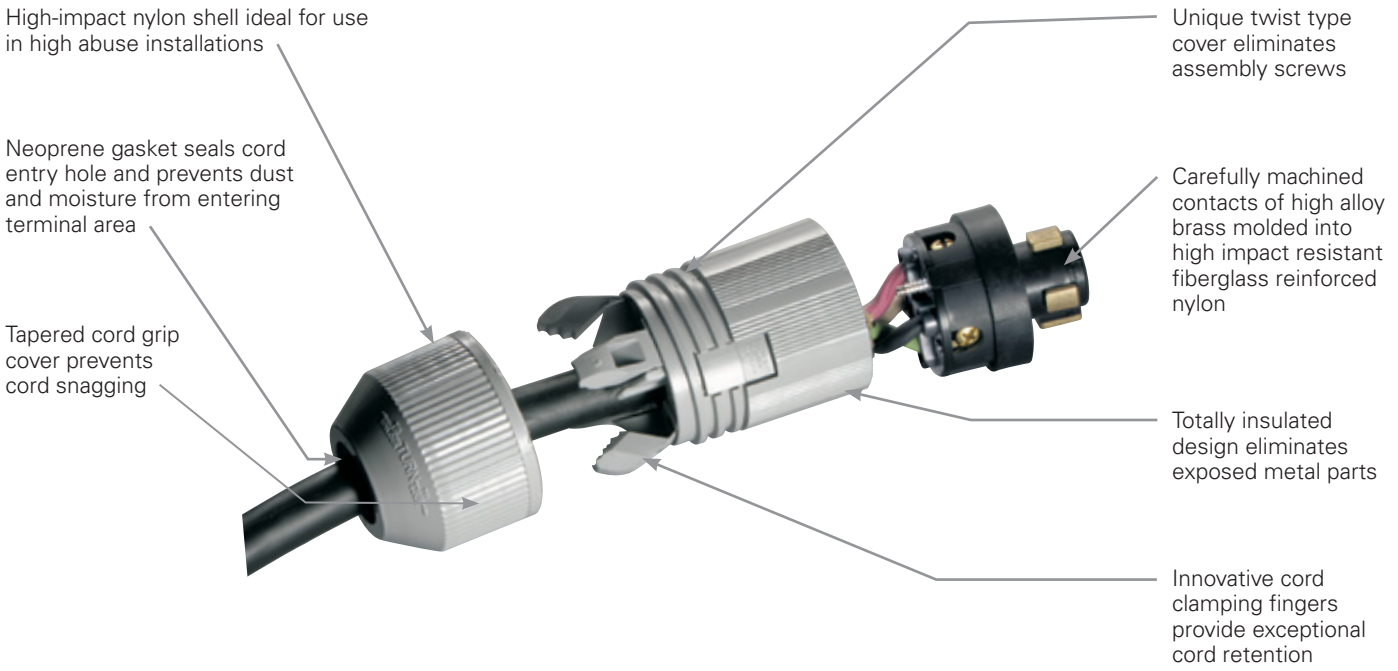
Indicates NAFTA compliant - Page Q-32 RoHS compliant - Page Q-32

Power lock devices

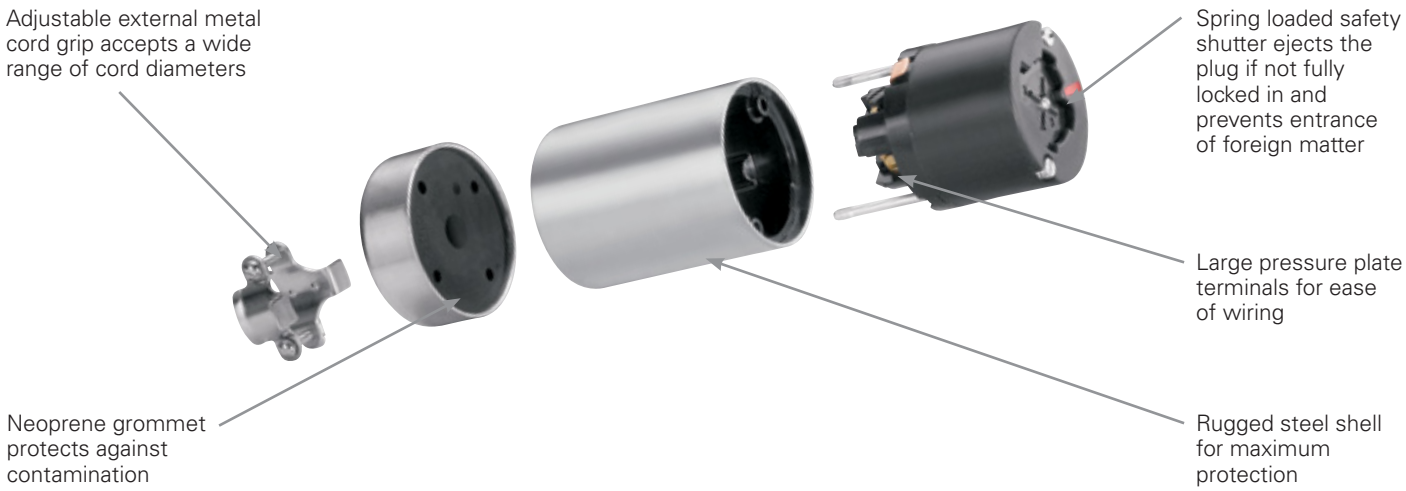
For applications where the need for a secure connection is absolute

Power lock devices are designed for safety, energizing within a chamber to eliminate the possibility of exterior arcing. They are ideal for high-abuse industrial and specialized hospital applications

Nylon power lock plugs & connectors features & benefits



Armored power lock plugs & connectors features & benefits



Compliances, specifications and availability are subject to change without notice.

Power lock devices

Power lock hospital use locking devices

Product description

2-pole, 3-wire grounding
20A, 125V/AC
Non-NEMA

Receptacle **Plug**

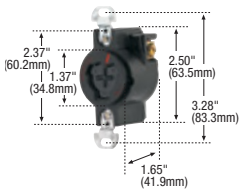
23054

Hospital use, back wire, plugs & connectors

A	Rating V/AC	Description	Cord diameter	Color	Plug catalog no.	Connector catalog no.	
20	125	Nylon "dead front" design	0.33-0.66" (8.4-16.7mm)	GY	☐ 23056N	☐ 23054N	•
		Armored "dead front" design	0.33-0.66" (8.4-16.7mm)	GY	☐ 23056	☐ 23054	•

Hospital use receptacles

A	Rating V/AC	Description	Color	Single receptacle		
20	125	Receptacle, not for use in hazardous areas	BK	☐ 23050	•	•

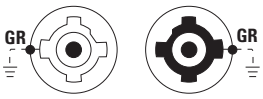


23050

Power lock hospital use mobile x-ray devices

Product description

2-pole, 3-wire grounding
50A & 60A, 250V/AC
Non-NEMA



Receptacle **Plug**

25525

Hospital use, back wire, plugs & connectors

A	Rating V/AC	Description	Cord diameter	Color	Plug catalog no.	
50	250	"Dead front" design	0.75-1.25" (19.1-31.8mm)	GY	☐ 25525	•
60	250	"Dead front" design	0.75-1.25" (19.1-31.8mm)	GY	☐ 25625	•

Dimensional information:
C-81

Plug specification information:
Hospital power lock: C-93

Receptacle specification information:
Hospital power lock: C-93

Color information:

BK (Black), GY (Gray)

BK (Black) GY (Gray) (Stainless Steel)

Compliances, specifications and availability are subject to change without notice.

Indicates NAFTA compliant - Page Q-32

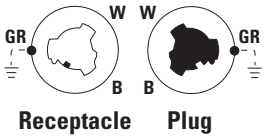
RoHS compliant - Page Q-32

C SECTION

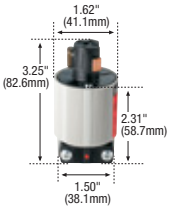
Power lock industrial grade locking devices

Product description

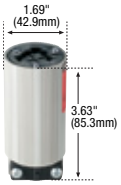
2-pole, 3-wire grounding
20A, 125V/AC
Non-NEMA



Receptacle Plug



23035N



23032N

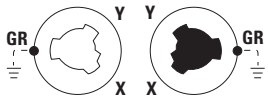
Industrial grade, back wire plugs & connectors

Rating A	V/AC	Description	Cord diameter	Color	Plug catalog no.	Connector catalog no.
20	125	Nylon "dead front" design	0.33-0.66" (8.4-16.7mm)	GY	☐ 23035N	☐ 23032N

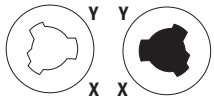
Power lock industrial grade locking devices

Product description

3-pole, 3-wire grounding
& non-grounding
20A, 125V/AC
Non-NEMA



Receptacle Plug



Receptacle Plug

Industrial grade, back wire plugs & connectors

Rating A	V/AC	Description	Cord diameter	Color	Flanged inlet	Flanged inlet w/ lid
20	125	Nylon "dead front" design	0.33-0.66" (8.4-16.7mm)	GY	☐ 23005N	☐ 23002N

Note: Also rated at 10A for 250V DC and 480V/AC

Industrial grade, receptacles

Rating A	V/AC	Description	Color	Single receptacle
20	125	Standard industrial	BK	☐ 23000
		Grounding industrial, replacement only	BK	☐ 23000G††

††Only UL Listed

Dimensional information:
C-82, C-83

Plug & connector specification information:
Power lock: C-94
Receptacle specification information:
Power lock: C-95

Color information:
BK (Black), GY (Gray)

BK (Black) GY (Gray)

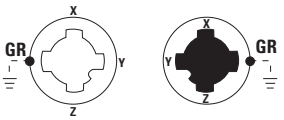
Compliances, specifications and availability are subject to change without notice.

Power lock devices

Power lock industrial grade locking devices

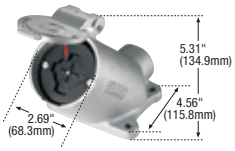
Product description

3-pole, 4-wire grounding
20A, 250V/DC; 30A, 600V/AC
Non-NEMA

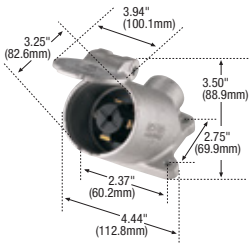


20414N

20415S



AH21420



21447

Industrial grade plugs & connectors

A	Rating V/DC	V/AC	Description	Cord diameter	Color	Plug catalog no.	Connector catalog no.	
20/30	250	600	Auto grip nylon	0.44-1.06" (11.1-26.0mm)	GY	☐ 20415N	☐ 20414N	•
			Armored w/ sliding rubber cord grip	0.36-0.48" (9.1-12.3mm)	Steel	☐ 21415	☐ 21414	•
			Armored w/ sliding rubber cord grip	0.48-0.75" (12.3-19.1mm)	Steel	☐ 21426	☐ AH21427	•
			Armored w/ sliding rubber cord grip & special mounting stud‡	0.48-0.75" (12.3-19.1mm)	Steel	☐ 21426S	—	•
			Armored w/ sliding rubber cord grip	0.56-1.00" (14.3-25.4mm)	Steel	☐ 20415	☐ 20414	•
			Armored w/ sliding rubber cord grip & special mounting stud‡	0.56-1.00" (14.3-25.4mm)	Steel	☐ 20415S	—	•
			Armored female	0.75" (19.1mm)	Steel	☐ AH21436	—	•
			Armored female	0.75" (19.1mm)	Steel	—	☐ 21434††	•

‡Used in automotive welding applications, ††Only UL Listed

Industrial grade receptacles

A	Rating V/DC	V/AC	Description	Color	Single receptacle	
20/30	250	600	Receptacles	BK	☐ 20403N	•
			In angled cast aluminum cover w/ weather protective life lid	BK	☐ AH21420	•

Industrial grade inlets

A	Rating V/DC	V/AC	Description	Color	Inlet catalog no.	
20/30	250	600	Inlet for FS/FD boxes	BK	☐ 20418	
			Angled surface mount w/ weather protective lift lid tapped for 0.75" (19.1mm) pipe thread, diecast aluminum		☐ 21447	•

Accessories for 50A locking devices & power lock devices in FS/FS boxes

Description	Color	Catalog no.	
Glass-filled nylon lift lid cover for 50A locking devices	Y	☐ 7788CR	•
Glass-filled nylon lift lid cover for 4-wire 30A receptacles	GY	☐ 20416N†	•

†Only UL Listed & CSA certified

7788CR

20416N

Dimensional information:
C-82, C-83

Plug & connector specification information:
Power lock: C-94
Receptacle specification information:
Power lock: C-95
Inlet specification information:
Power lock: C-94

Color information:

BK (Black), GY (Gray), Y (Yellow)

BK	GY	Y	
(Black)	(Gray)	(Yellow)	(Steel)

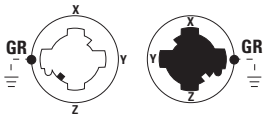
Compliances, specifications and availability are subject to change without notice.

Indicates NAFTA compliant - Page Q-32

Power lock industrial grade locking devices

Product description

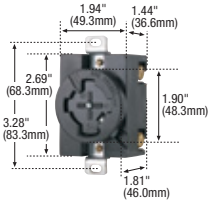
3-pole, 4-wire grounding
30A, 480V/AC
Non-NEMA



Receptacle **Plug**

20445N

20444N



20443N

Industrial grade plugs & connectors

Rating A	Rating V/AC	Description	Cord diameter	Color	Plug catalog no.	Connector catalog no.	
30	480	Auto grip nylon	0.40-1.06" (10.2-27.0mm)	RD	☐ 20445N	☐ 20444N	•
		Armored	0.49-0.61" (12.3-15.5mm)	RD	☐ 20445	☐ 20444	•

Industrial grade receptacles

Rating A	Rating V/AC	Description	Color	Single receptacle	
30	480	Industrial receptacles	BK	☐ 20443N	•

Accessories for 50A locking devices & power lock devices in FS/FS boxes

Description	Color	Catalog no.	
Glass-filled nylon lift lid cover for 50A locking devices	Y	☐ 7788CR	•
Glass-filled nylon lift lid cover for 4-wire 30A receptacles	GY	☐ 20416N†	•

†Only UL Listed & CSA certified

7788CR

20416N

Dimensional information:
C-82, C-83

Plug & connector specification information:
Power lock: C-94
Receptacle specification information:
Power lock: C-95

Color information:

BK (Black), RD (Red), Y (Yellow)

BK	RD	Y
(Black)	(Red)	(Yellow)

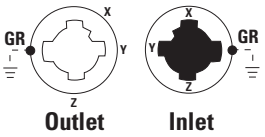
Compliances, specifications and availability are subject to change without notice.

Indicates NAFTA compliant - Page Q-32

Power lock industrial grade locking devices

Product description

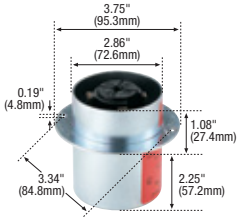
3-pole, 4-wire grounding
60A, 600V/AC
Non-NEMA



26415

26414

26420



26415A

Industrial grade plugs & connectors

Rating A	Rating V/AC	Description	Cord diameter	Color	Plug catalog no.	Connector catalog no.	
60	600	Armored	0.75-1.25" (19.1-31.8mm)	Y	☐ 26415	☐ 26414	•
		Armored w/ special mounting stud	0.75-1.25" (19.1-31.8mm)	Y	☐ 26415S	—	•
		Armored w/ rubber bushing in cable clamp	0.75-1.25" (19.1-31.8mm)	Y	☐ 26426	☐ 26427	•
		Armored w/ rubber bushing in cable clamp & special mounting stud‡	0.75-1.25" (19.1-31.8mm)	Y	☐ 26426S	—	•

‡Used in automotive welding applications
Note: Bushing versions supplied with 3 sizes of rubber bushings

Industrial grade receptacles

Rating A	Rating V/AC	Description	Color	Single receptacle	
60	600	In cast aluminum cover w/ weather protective life lid	BK	☐ 26420	•
		In angled cast aluminum cover w/ weather protective life lid	BK	☐ 26421**	•

** Not CSA certified

Industrial grade flanged inlets & outlets

Rating A	Rating V/AC	Description	Cord diameter	Color	Flanged inlet	Flanged outlet	
60	600	Armored flange	0.75-1.25" (19.1-31.8mm)	Steel	☐ 26415A	☐ 26414A	•

Dimensional information:
C-82, C-83

Plug & connector specification information:
Power lock: C-94
Receptacle specification information:
Power lock: C-95
Inlet specification information:
Power lock: C-94

Color information:

BK (Black), Y (Yellow)

BK (Black) Y (Yellow) (Steel)

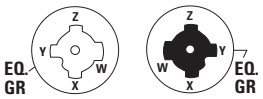
Compliances, specifications and availability are subject to change without notice.

Indicates NAFTA compliant - Page Q-32

Power lock industrial grade locking devices

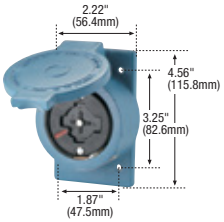
Product description

4-pole, 5-wire grounding
20A, 250V/DC; 30A, 600V/AC
Non-NEMA



Receptacle **Plug**

25415



25250

Industrial grade plugs & connectors

A	Rating V/DC	V/AC	Description	Cord diameter	Color	Plug catalog no.	Connector catalog no.	
20/30	250	600	Auto grip nylon	040-1.06" (10.2-27.0mm)	BL	☐ 25415N	☐ 25414N	•
			Armored	0.62-1.00" (15.9-25.4mm)	BL	☐ 25415	☐ 25414	•

Industrial grade receptacles

A	Rating V/DC	V/AC	Description	Color	Single receptacle	
20/30	250	600	In cast iron cover and steel shell	BK	☐ 25403	•
			In cast aluminum cover w/ weather protective lift lid	BK	☐ 25250	•

Dimensional information:
C-82, C-83

Plug & connector specification information:
Power lock: C-94
Receptacle specification information:
Power lock: C-95
Inlet specification information:
Power lock: C-94

Color information:

BK (Black), BL (Blue)

BK (Black) BL (Blue)

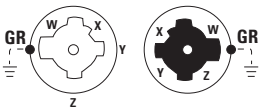
Compliances, specifications and availability are subject to change without notice.

Indicates NAFTA compliant - Page Q-32

Power lock industrial grade locking devices

Product description

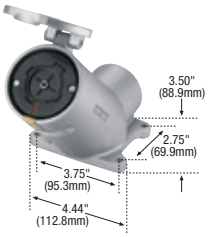
4-pole, 5-wire grounding
60A, 600V/AC
Non-NEMA



Receptacle **Plug**

26527

26526



26521

26514A

Industrial grade plugs & connectors

Rating A	Rating V/AC	Description	Cord diameter	Color	Plug catalog no.	Connector catalog no.	
60	600	Armored	0.75-1.25" (19.1-31.8mm)	Y	☐ 26515	☐ 26514	•
		Armored w/ rubber bushing in cable clamp	0.75-1.25" (19.1-31.8mm)	Y	☐ 26526	☐ 26527	•
		Armored, accepts ring terminals	N/A	BK	☐ 26515AM[Δ]	—	•

[Δ] AU Listed only
Note: Bushing versions supplied with 3 sizes of rubber bushings

Industrial grade receptacles

Rating A	Rating V/AC	Description	Color	Single receptacle	
60	600	In cast aluminum cover w/ weather protective life lid	BK	☐ 26520	•
		In angled cast aluminum cover w/ weather protective life lid	BK	☐ 26521**	•

** Not CSA certified

Industrial grade flanged inlets & outlets

Rating A	Rating V/AC	Description	Cord diameter	Color	Flanged inlet	Flanged outlet	
60	600	Armored flange	0.75-1.25" (19.1-31.8mm)	Steel	☐ 26515A	☐ 26514A	•

Dimensional information:
C-82, C-83

Plug & connector specification information:
Power lock: C-94
Receptacle specification information:
Power lock: C-95
Inlet specification information:
Power lock: C-94

Color information:

BK (Black), Y (Yellow)

BK (Black) Y (Yellow) (Steel)

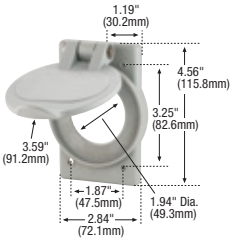
Compliances, specifications and availability are subject to change without notice.

Indicates NAFTA compliant - Page Q-32

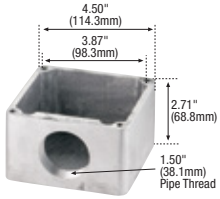
Power lock industrial grade locking devices

Product description

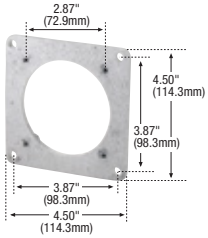
Accessories for
30A, 60A devices



20416N



26401



26402

Receptacle accessories for power lock nylon plates

Rating A	Description	Catalog no.	
30	Red glass-filled nylon with weather protective lift lid cover and gasket, suitable for wet and damp locations with cover closed	☐ 20446N	•
	Gray glass-filled nylon with weather protective lift lid cover and gasket, suitable for wet and damp locations with cover closed	☐ 20416N	•

Receptacle accessories for power lock aluminum plates

Rating A	Description	Catalog no.
30	Diecast aluminum with weather protective lift lid cover and gasket	☐ 20416D
	Diecast aluminum cover without lid and gasket	☐ 20417N

Receptacle accessories for power lock aluminum plates

Rating A	Description	Catalog no.
60	Box, only for use with 26040 angle adapter	☐ 26401
	Cover, only for use with 26401 box	☐ 26402
	Box and cover complete	☐ 26400
	45° angle adapter	☐ 26040

60A for use with 26420 & 26520 receptacles

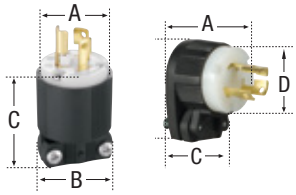
Compliances, specifications and availability are subject to change without notice.

Indicates NAFTA compliant - Page Q-32

Locking device dimensional data

15A, 10/15A locking devices

Safety grip plugs

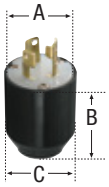


Family	A	B	C	D	Cord diameter
NEMA L2-20	1.37" (34.8mm)	1.50" (38.1mm)	2.06" (52.3mm)	–	0.33-0.66" (8.4-16.7mm)
15A & 10/15A locking	1.37" (34.8mm)	1.50" (38.1mm)	2.06" (52.3mm)	–	0.33-0.66" (8.4-16.7mm)
15A locking angled	1.28" (32.5mm)	1.47" (37.3mm)	1.50" (38.1mm)	2.06" (52.3mm)	0.33-0.66" (8.4-16.7mm)

Safety grip connectors

Family	A	B	C	D	Cord diameter
NEMA L2-20	1.37" (34.8mm)	2.88" (73.0mm)	1.50" (38.1mm)	1.00" (25.4mm)	0.33-0.66" (8.4-16.7mm)
15A & 10/15A locking	1.37" (34.8mm)	2.88" (73.0mm)	1.50" (38.1mm)	1.00" (25.4mm)	0.33-0.66" (8.4-16.7mm)

Auto grip plugs



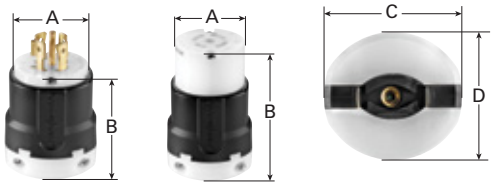
Family	A	B	C	Cord dia.
15A & 10/15A locking	1.38" (34.9mm)	1.83" (46.5mm)	1.52" (38.6mm)	0.33-0.66" (8.4-16.7mm)

Auto grip connectors

Family	A	B	C	Cord dia.
15A & 10/15A locking	1.38" (34.9mm)	1.83" (46.5mm)	1.52" (38.6mm)	0.33-0.66" (8.4-16.7mm)

Ultra grip locking plugs & connectors

Family	A	B	C	D	Cord diameter
Ultra grip plug, 2P-3W, 3P-3W	1.78" (45.2mm)	2.59" (65.8mm)	2.23" (56.6mm)	2.10" (53.3mm)	0.38-1.00" (9.6 - 25.4mm)
Ultra grip plug, 3P-4W, 4P-4W, 4P-5W	1.97" (55.4mm)	2.82" (71.6mm)	2.13" (54.1mm)	2.30" (58.4mm)	0.38-1.16" (9.6 - 29.5mm)
Ultra grip connector, 2P-3W, 3P-3W	1.78" (45.2mm)	3.61" (91.7mm)	2.23" (56.6mm)	2.10" (53.3mm)	0.38-1.00" (9.6 - 25.4mm)
Ultra grip connector, 3P-4W, 4P-4W, 4P-5W	1.97" (50.0mm)	3.84" (97.5mm)	2.46" (62.5mm)	2.30" (58.4mm)	0.38-1.16" (9.6 - 29.5mm)

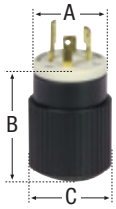


Compliances, specifications and availability are subject to change without notice.

Locking device dimensional data

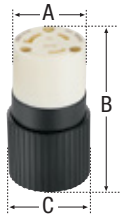
15A, 20A & 30A locking devices

Locking plugs



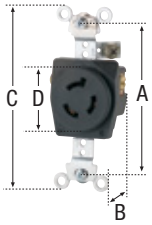
Family	A	B	C	Cord diameter
NEMA L9-20, L9-30	1.83" (47.5mm)	2.13" (54.1mm)	2.85" (72.3mm)	0.30-0.95" (7.6-16.7mm)
NEMA L12-20, L12-30, L13-30	1.83" (47.5mm)	2.13" (54.1mm)	2.85" (72.3mm)	0.38-1.00" (9.5-25.4mm)

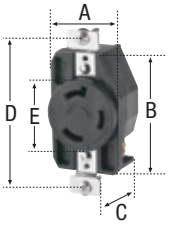
Locking connectors

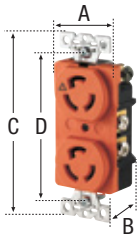


Family	A	B	C	Cord diameter
NEMA L9-20, L9-30	1.83" (47.5mm)	3.44" (87.3mm)	2.12" (53.8mm)	0.30-0.95" (7.6-16.7mm)
NEMA L12-20, L12-30, L13-30	1.83" (47.5mm)	3.90" (99.1mm)	2.13" (54.1mm)	0.38-1.00" (9.5-25.4mm)

Locking receptacles







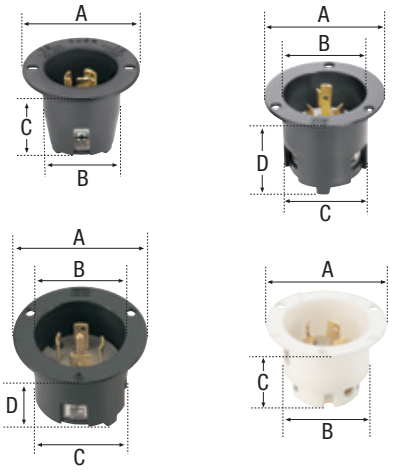
Family	A	B	C	D
Single receptacle, 15A & 10/15A locking	3.28" (83.3mm)	0.76" (19.3mm)	4.03" (102.4mm)	1.38" (34.8mm)
Single receptacle, 20/10A locking	1.62" (41.1mm)	2.62" (66.5mm)	1.03" (26.2mm)	3.28" (83.3mm)
Single receptacle, 20A locking 2-P, 3-W & 3-P, 3-W	1.62" (41.1mm)	2.62" (66.5mm)	1.03" (26.2mm)	3.28" (83.3mm)
Single receptacle, 30A locking 2-P, 3-W & 3-P, 3-W	1.62" (41.1mm)	2.62" (66.5mm)	1.12" (28.5mm)	3.28" (83.3mm)
Single receptacle, 20A locking 3-P, 4-W; 4-P, 4-W & 4-P, 5-W	1.62" (41.1mm)	2.62" (66.5mm)	1.03" (26.2mm)	3.28" (83.3mm)
Single receptacle, 30A locking 3-P, 4-W; 4-P, 4-W & 4-P, 5-W	1.62" (41.1mm)	2.62" (66.5mm)	1.12" (28.5mm)	3.28" (83.3mm)
Duplex receptacle, 15A & 10/15A locking	1.54" (39.1mm)	0.75" (19.1mm)	4.19" (106.4mm)	3.28" (83.3mm)

Compliances, specifications and availability are subject to change without notice.

Locking device dimensional data

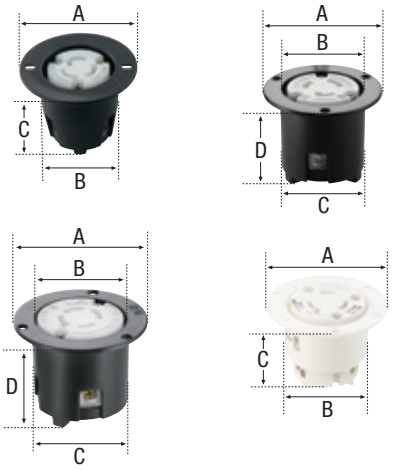
15A, 20A & 30A locking devices

Locking flanged inlets



Family	A	B	C	D
15A locking	2.56" (65.0mm)	1.71" (43.4mm)	1.84" (46.7mm)	–
20A locking 2-P, 3-W & 3-P, 3-W	2.87" (72.9mm)	1.94" (49.3mm)	2.06" (52.3mm)	2.19" (22.6mm)
20A locking 3-P, 4-W; 4-P, 4-W; 4-P, 5-W	3.06" (77.7mm)	2.03" (51.6mm)	2.19" (55.6mm)	2.19" (55.6mm)
20A locking NEMA L9-20, L12-20	2.87" (72.9mm)	2.06" (52.3mm)	1.95" (49.5mm)	–
30A locking 2-P, 3-W & 3-P, 3-W	2.87" (72.9mm)	1.94" (49.3mm)	2.06" (52.3mm)	2.19" (22.6mm)
30A locking 3-P, 4-W; 4-P, 4-W; 4-P, 5-W	3.06" (77.7mm)	2.03" (51.6mm)	2.19" (55.6mm)	2.19" (55.6mm)
30A locking NEMA L9-30, L12-30, L13-30	2.87" (72.9mm)	2.06" (52.3mm)	1.95" (49.5mm)	–

Locking flanged outlets



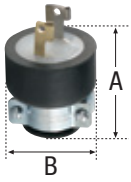
Family	A	B	C	D
15A locking	2.56" (65.0mm)	1.71" (43.4mm)	1.84" (46.7mm)	–
20A locking 2-P, 3-W & 3-P, 3-W	2.87" (72.9mm)	1.94" (49.3mm)	2.06" (52.3mm)	2.19" (22.6mm)
20A locking 3-P, 4-W; 4-P, 4-W; 4-P, 5-W	3.06" (77.7mm)	2.03" (51.6mm)	2.19" (55.6mm)	2.19" (55.6mm)
20A locking NEMA L9-20, L12-20	2.87" (72.9mm)	2.06" (52.3mm)	1.95" (49.5mm)	–
30A locking 2-P, 3-W & 3-P, 3-W	2.87" (72.9mm)	1.94" (49.3mm)	2.06" (52.3mm)	2.19" (22.6mm)
30A locking 3-P, 4-W; 4-P, 4-W; 4-P, 5-W	3.06" (77.7mm)	2.03" (51.6mm)	2.19" (55.6mm)	2.19" (55.6mm)
30A locking NEMA L9-30, L12-30, L13-30	2.87" (72.9mm)	2.06" (52.3mm)	1.95" (49.5mm)	–

Compliances, specifications and availability are subject to change without notice.

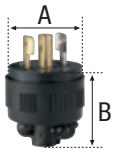
Locking device dimensional data

15A, 20A & 30A locking devices

Other locking plugs



Family	A	B	Cord diameter
L1-15, #7546	1.56" (39.6mm)	1.56" (39.6mm)	0.31-0.47" (7.9-11.9mm)



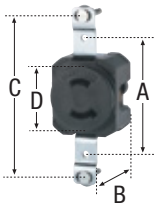
Family	A	B	Cord diameter
ML1, #7465N & 7479N	1.00" (25.4mm)	1.19" (30.2mm)	0.22-0.31" (5.5-7.9mm)
ML1, #7428N & 7429N	1.16" (29.5mm)	0.84" (21.3mm)	0.31-0.50" (7.9-12.7mm)
ML2 & ML3	1.16" (29.5mm)	0.84" (21.3mm)	0.28-0.42" (7.1-10.7mm)

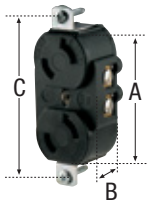
Other locking connectors

Family	A	B	Cord diameter
L1-15	2.13" (54.0mm)	1.38" (35.1mm)	0.30-0.56" (7.5-14.3mm)

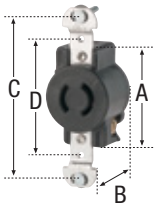
Family	A	B	C	Cord diameter
ML1, #7464N	1.00" (25.4mm)	0.82" (20.8mm)	0.37" (9.4mm)	0.22-0.31" (5.5-7.9mm)
ML1, #7427N	1.00" (25.4mm)	0.82" (20.8mm)	0.37" (9.4mm)	0.31-0.50" (7.9-12.7mm)
ML2 & ML3	1.16" (29.5mm)	1.25" (31.8mm)	0.37" (9.4mm)	0.28-0.42" (7.1-10.7mm)

Other locking receptacles



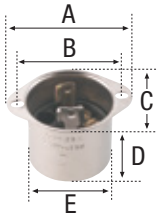


Family	A	B	C	D
Single receptacle, L1-15R	2.38" (60.5mm)	0.88" (22.4mm)	3.28" (83.3mm)	1.38" (35.1mm)
Duplex receptacle, L1-15R	2.89" (73.4mm)	1.00" (25.4mm)	3.28" (83.3mm)	–

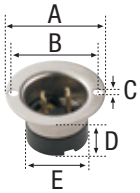


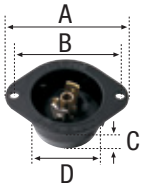
Family	A	B	C	D
Single receptacle, L2-20R	2.03" (51.6mm)	1.38" (34.9mm)	3.28" (83.3mm)	2.38" (35.1mm)

Other locking flanged inlets



Family	A	B	C	D	E
L1-15	2.03" (51.6mm)	1.69" (42.9mm)	1.56" (39.6mm)	1.25" (31.8mm)	1.39" (35.3mm)





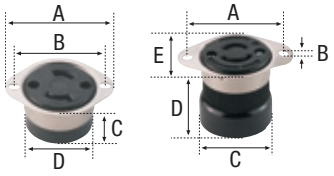
Family	A	B	C	D	E
ML1	1.62" (41.1mm)	1.37" (34.8mm)	0.15" (3.8mm)	0.94" (23.9mm)	1.12" (28.4mm)
ML2 & ML3 metal	1.63" (41.4mm)	1.75" (44.5mm)	0.16" (4.1mm)	1.00" (25.4mm)	1.22" (31.0mm)
ML2 & ML3 nylon	2.06" (52.3mm)	1.75" (44.5mm)	0.97" (24.6mm)	1.10" (27.9mm)	–

Compliances, specifications and availability are subject to change without notice.

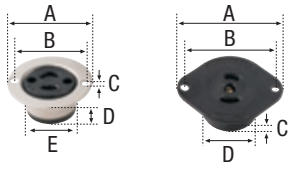
Locking device dimensional data

15A, 20A & 30A locking devices

Other locking flanged outlets

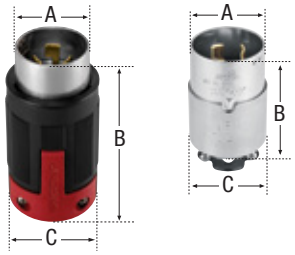


Family	A	B	C	D	E
L1-15	2.03" (51.6mm)	1.69" (42.9mm)	1.06" (26.9mm)	1.37" (34.8mm)	–
L2-20	2.06" (52.4mm)	0.20" (5.1mm)	1.56" (39.6mm)	1.69" (42.9mm)	1.75" (44.5mm)



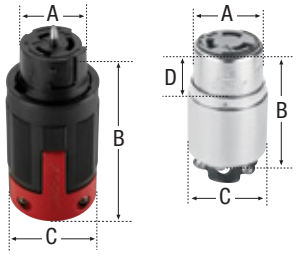
Family	A	B	C	D	E
ML1	1.62" (41.1mm)	1.37" (34.8mm)	0.15" (3.8mm)	0.75" (19.1mm)	1.12" (28.4mm)
ML2 & ML3 metal	1.63" (41.4mm)	1.75" (44.5mm)	0.16" (4.1mm)	0.97" (24.6mm)	1.17" (29.7mm)
ML2 & ML3 nylon	2.06" (52.3mm)	1.75" (44.5mm)	0.97" (24.6mm)	1.10" (27.9mm)	–

50A non-NEMA plugs



Family	A	B	C	Cord diameter
Pro grip nylon	2.17" (55.1mm)	5.35" (135.8mm)	2.55" (64.7mm)	0.11-1.06" (11.1-26.0mm)
Armored	2.02" (51.2mm)	4.50" (114.3mm)	2.31" (58.7mm)	0.68-1.13" (17.3-28.6mm)

50A non-NEMA connectors



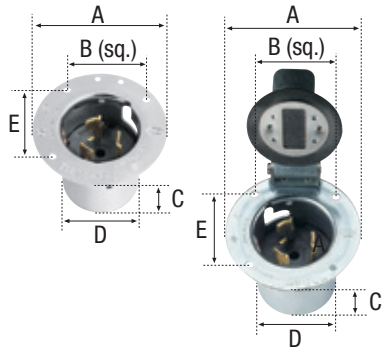
Family	A	B	C	D	Cord diameter
Pro grip nylon	1.94" (49.3mm)	5.52" (140.2mm)	2.55" (64.7mm)	–	0.11-1.06" (11.1-26.0mm)
Armored	1.98" (50.4mm)	4.50" (114.3mm)	2.31" (58.7mm)	1.27" (32.1mm)	0.68-1.13" (17.3-28.6mm)

Compliances, specifications and availability are subject to change without notice.

Locking device dimensional data

50A non-NEMA locking devices

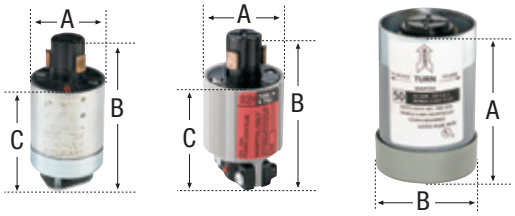
50A non-NEMA flanged inlets



Family	A	B	C	D	E
Flanged inlet	3.50" (88.9mm)	2.12" (53.8mm)	2.75" (69.9mm)	2.69" (68.3mm)	2.12" (53.8mm)
Flanged inlet with lid	3.50" (88.9mm)	2.12" (53.8mm)	2.75" (69.9mm)	2.69" (68.3mm)	2.12" (53.8mm)

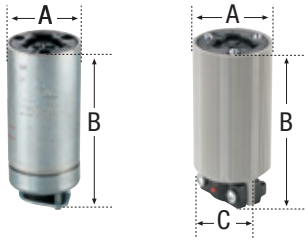
Power lock devices

Hospital use power lock plugs



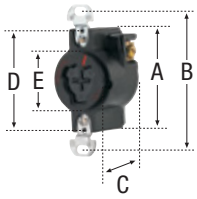
Family	A	B	C	Cord diameter
Hospital use 20A armored	1.63" (41.4mm)	3.25" (82.6mm)	2.59" (65.8mm)	0.33-0.66" (8.4-16.7mm)
Hospital use 20A nylon	1.69" (42.9mm)	3.25" (82.6mm)	2.31" (58.7mm)	0.33-0.66" (8.4-16.7mm)
Hospital use 50A & 60A armored	4.19" (106.4mm)	2.87" (72.9mm)	–	0.75-1.25" (19.1-31.8mm)

Hospital use power lock connectors



Family	A	B	C	Cord diameter
Hospital use 20A armored	1.62" (41.1mm)	3.87" (96.0mm)	–	0.33-0.66" (8.4-16.7mm)
Hospital use 20A nylon	1.69" (42.9mm)	3.63" (92.2mm)	1.50" (38.1mm)	0.33-0.66" (8.4-16.7mm)

Hospital use power lock receptacles



Family	A	B	C	D	E
Single receptacle	2.50" (63.5mm)	3.28" (83.3mm)	1.65" (41.5mm)	2.37" (60.2mm)	1.37" (34.8mm)
Single receptacle, in assembly	10.00" (254.0mm)	7.00" (177.8mm)	7.50" (190.5mm)	10.00" (254.0mm)	–

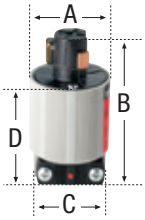
Compliances, specifications and availability are subject to change without notice.

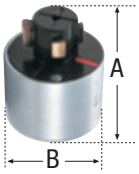
Locking device dimensional data

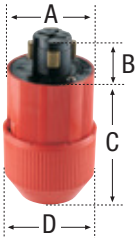
Power lock devices

Industrial use power lock plugs

Family	A	B	C	D	E
Industrial 20A nylon	1.62" (41.1mm)	3.25" (82.6mm)	1.50" (38.1mm)	2.31" (58.7mm)	0.33-0.66" (8.4-16.7mm)
Industrial 30A armored	2.92" (74.2mm)	2.31" (58.7mm)	–	–	0.49-0.61" (12.3-15.5mm)
Industrial 30/20A 3-P, 4-W armored	2.44" (62.0mm)	2.31" (58.7mm)	–	–	0.48-0.75" (12.3-19.1mm), except 21415: 0.36-0.48" (9.1-12.3mm), 20415: 0.56-1.00" (14.3-25.4mm), AH21436: 0.75" (19.1mm)
Industrial 30A 3-P, 4-W & 30/20A 4-P, 5-W nylon	2.38" (60.5mm)	0.97" (24.6mm)	Varies with cord dia., min. 3.80" (96.5mm), max. 4.18" (106.2mm)	2.56" (65.0mm)	0.40-1.06" (12.3-15.5mm)
Industrial 30/20A 4-P, 5-W armored	2.75" (69.9mm)	2.31" (58.7mm)	–	–	0.62-1.00" (15.9-25.4mm)
Industrial 60A armored	3.37" (85.6mm)	2.69" (68.3mm)	–	–	0.75-1.25" (19.1-38.1mm)

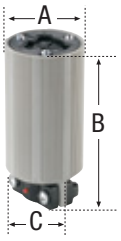


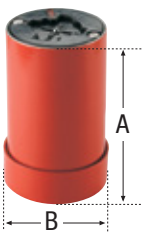




Industrial use power lock connectors

Family	A	B	C	Cord diameter
Industrial 20A nylon	1.69" (42.9mm)	3.63" (92.2mm)	1.50" (38.1mm)	0.33-0.66" (8.4-16.7mm)
Industrial 30A armored	2.32" (58.9mm)	3.21" (81.5mm)	–	0.49-0.61" (12.3-15.5mm)
Industrial 30/20A 3-P, 4-W armored	2.32" (58.9mm)	3.21" (81.5mm)	–	0.48-0.75" (12.3-19.1mm), except 21414: 0.36-0.48" (9.1-12.3mm), 20414: 0.56-1.00" (14.3-25.4mm), 21434: 0.75" (19.1mm)
Industrial 30A 3-P, 4-W & 30/20A 4-P, 5W nylon	2.38" (60.5mm)	Varies with cord dia., min. 5.17" (131.3mm), max. 5.55" (141.0mm)	2.56" (65.0mm)	0.40-1.06" (12.3-15.5mm)
Industrial 30/20A 4-P, 5W armored	2.49" (63.2mm)	3.17" (80.5mm)	–	0.62-1.00" (15.9-25.4mm)
Industrial 60A armored	2.94" (74.7mm)	4.56" (115.8mm)	–	0.75-1.25" (19.1-38.1mm)



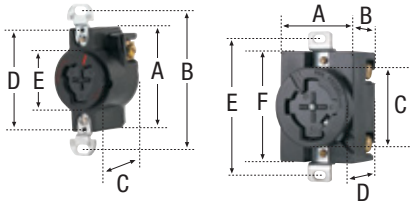


Compliances, specifications and availability are subject to change without notice.

Locking device dimensional data

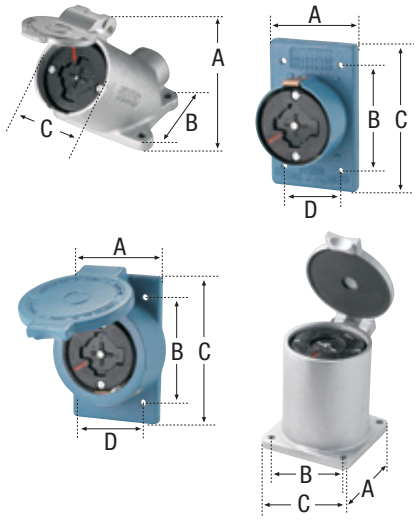
Power lock devices

Industrial power lock single receptacles



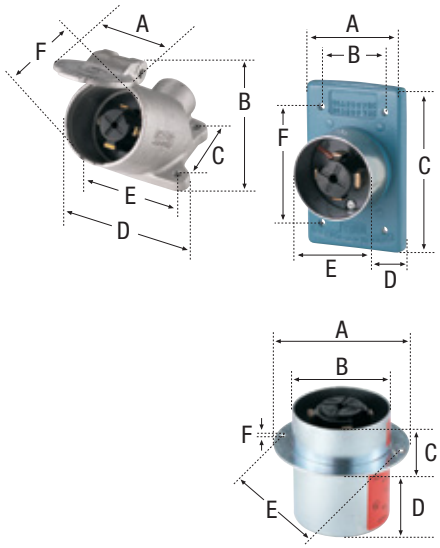
Family	A	B	C	D	E	F
20A single receptacle	2.50" (63.5mm)	3.28" (83.3mm)	1.65" (41.5mm)	2.37" (60.2mm)	1.37" (34.8mm)	–
30A & 30/20A single receptacle	1.94" (49.3mm)	1.44" (36.6mm)	1.90" (48.3mm)	1.81" (46.0mm)	3.28" (83.3mm)	2.69" (68.3mm)

Industrial power lock single receptacles in covers



Family	A	B	C	D
30/20A 3-P, 4-W & 60A in angled cover	5.31" (134.9mm)	4.56" (115.8mm)	2.69" (68.3mm)	–
30/20A in cover w/ shell	2.84" (72.1mm)	3.25" (82.6mm)	4.56" (115.8mm)	1.87" (47.5mm)
30/20A in cover w/ lid	2.22" (56.4mm)	3.25" (82.6mm)	4.56" (115.8mm)	1.87" (47.5mm)
60A in vertical cover	3.50" (88.9mm)	2.87" sq. (72.9mm)	3.50" (88.9mm)	3.50" (88.9mm)

Industrial power lock inlets



Family	A	B	C	D	E	F
30/20A 3-P, 4-W in angled cover	3.94" (100.1mm)	3.50" (88.9mm)	2.75" (69.9mm)	4.44" (112.8mm)	2.37" (60.2mm)	3.25" (82.6mm)
30/20A for FS/FD boxes	2.84" (72.1mm)	1.87" (47.5mm)	4.56" (115.8mm)	1.65" (42.0mm)	2.31" (58.7mm)	3.25" (82.6mm)
60A 3-P, 4-W flanged	3.75" (95.3mm)	2.86" (72.6mm)	1.08" (27.4mm)	2.25" (57.2mm)	3.34" (84.8mm)	0.19" (4.8mm)
60A 4-P, 5-W flanged	3.75" (95.3mm)	2.86" (72.6mm)	1.16" (29.5mm)	2.58" (65.5mm)	3.34" (84.8mm)	0.19" (4.8mm)

Compliances, specifications and availability are subject to change without notice.

Locking devices specification & performance data

Industrial grade 15A, 20A & 30A locking plugs & connectors

Product description

2-pole, 3-wire grounding; 3-pole, 3-wire non-grounding;
3-pole, 4-wire grounding; 4-pole, 4-wire non-grounding;
4-pole, 5-wire grounding

Device type	15A safety grip & auto grip plugs & connectors: NEMA L5-15, L6-15, L7-15	15A safety grip & auto grip plugs & connectors: Non-NEMA 10/15A	20A & 30A ultra grip plugs & connectors: L6-20, L7-20, L8-20, L6-30, L7-30, L10-20, L14-20, L15-20, L16-20, L14-30, L15-30, L16-30, L17-30, L19-20, L20-20, L19-30, L20-30, L23-20, L23-30, Non-NEMA 20A, Non-NEMA 30A, Non-NEMA 20/10A
Wiring type	Side wire	Back wire	Back wire
Testing & code compliance	• cULus Listed to UL498, file no. E3663 • UL verified to Fed Spec WC-596F • cUL Listed to CSA C22.2 , no. 42 file no. E3663	• UL recognized component for US & Canada, file no. E3663	• cULus Listed to UL498, file no. E3663
Environmental specifications	**Flammability:** Meets UL94 requirements, V0 rated **Temperature rating:** -40°C to 60°C (-40°F to 140°F)	**Flammability:** Meets UL94 requirements, V2 rated **Temperature rating:** -40°C to 60°C (-40°F to 140°F)	**Flammability:** Meets UL94 requirements, V2 rated **Temperature rating:** -40°C to 60°C (-40°F to 140°F)
Electrical specifications	**Dielectric voltage:** Twice the device rating + 1000V per UL498 **Current interrupting:** Yes, at full-rated current **Temperature rise:** Max. 30°C (86°F) after 200 cycles of overload	**Dielectric voltage:** Twice the device rating + 1000V per UL498 **Current interrupting:** Yes, at full-rated current **Temperature rise:** Max. 30°C (86°F) after 200 cycles of overload	**Dielectric voltage:** Twice the device rating + 1000V per UL498 **Current interrupting:** Yes, at full-rated current **Temperature rise:** Max. 30°C (86°F) after 200 cycles of overload
Mechanical specifications	**Terminal accommodation:** #16 - #12 AWG **Voltage ratings:** Permanently marked on device	**Terminal accommodation:** #16 - #12 AWG **Voltage ratings:** Permanently marked on device	**Terminal accommodation:** #16 - #8 AWG, except isolated ground: #14 - #8 AWG **Voltage ratings:** Permanently marked on device
Materials	**Outer shell:** Safety grip: nylon; auto grip: phenolic **Interior body:** Safety grip: nylon; auto grip: phenolic **Terminal retainer:** Polycarbonate **Blades:** Brass **Line contacts:** Brass **Terminal clamps:** Steel, zinc plated **Terminal screws:** Brass **Ground screw:** Brass **Assembly screws:** Steel, zinc plated **Gasket/dust shield:** Neoprene **Cord clamp screws:** Steel, zinc plated **Cord clamp:** Steel, zinc plated	**Outer shell:** Nylon **Interior body:** Nylon **Terminal retainer:** Polycarbonate **Blades:** Brass **Line contacts:** Brass **Terminal clamps:** Steel, zinc plated **Terminal screws:** Brass **Ground screw:** Brass **Assembly screws:** Steel, zinc plated **Gasket/dust shield:** Neoprene **Cord clamp screws:** Steel, zinc plated **Cord clamp:** Steel, zinc plated	**Outer shell:** Nylon **Interior body:** Nylon **Terminal retainer:** Polycarbonate **Blades:** Brass **Line contacts:** Connectors: zinc plated **Terminal clamps:** Steel **Terminal screws:** #10-32 brass, neutral screw nickel plated **Ground screw:** #10-32 brass, green **Assembly screws:** Steel, zinc plated **Gasket/dust shield:** Neoprene **Cord clamp screws:** Steel, zinc plated **Cord clamp:** Nylon

Compliances, specifications and availability are subject to change without notice.

Industrial grade 15A, 20A & 30A locking plugs & connectors

Product description

2-pole, 3-wire grounding; 3-pole, 3-wire non-grounding;
3-pole, 4-wire grounding; 4-pole, 4-wire non-grounding;
4-pole, 5-wire grounding

Device type	20A & 30A ultra grip plugs & connectors: L5-20, L5-30, L8-30, L10-30, L11-20, L11-30, L18-20, L18-30, L21-20, L21-30, L22-20, L22-30	15A & 20A plugs & connectors, 2-pole, 2-wire: NEMA L1-15, safety grip NEMA L2-20
Wiring type	Back wire	Back wire
Testing & code compliance	• cULus Listed to UL498, file no. E3663, except L10-30: UL Listed; L2120_F & L2130_F series not listed • L8-30 cUL Listed to C22.2, no. 42, file no. E3663 • NOM certified, except L8-30, L10-30, L22-30, L2120_F series	• Listed to UL498, file no. E3663 • cUL Listed to C22.2 , no. 42 file no. E3663 • L2-20 cUL Listed to C22.2, no. 42, file no. E3663 • L2-20 NOM certified
Environmental specifications	**Flammability:** Meets UL94 requirements, V2 rated **Temperature rating:** -40°C to 60°C (-40°F to 140°F), except flat cable: -40°C to 75°C (-40°F to 167°F)	**Flammability:** Meets UL94 requirements, V2 rated **Temperature rating:** -40°C to 60°C (-40°F to 140°F)
Electrical specifications	**Dielectric voltage:** Twice the device rating + 1000V per UL498 **Current interrupting:** Yes, at full-rated current **Temperature rise:** Max. 30°C (86°F) after 200 cycles of overload, except flat cable: 50 cycles of overload at 150% of rated current (DC)	**Dielectric voltage:** Twice the device rating + 1000V per UL498 **Current interrupting:** Yes, at full-rated current **Temperature rise:** Max. 30°C (86°F) after 200 cycles of overload
Mechanical specifications	**Terminal accommodation:** #16 - #8 AWG, except Isolated ground & flat cable: #14 - #8 AWG **Voltage ratings:** Permanently marked on device	**Terminal accommodation:** #16 - #12 AWG **Voltage ratings:** Permanently marked on device
Materials:	**Outer shell:** Nylon **Interior body:** Nylon **Terminal retainer:** Polycarbonate **Blades:** Brass **Line contacts:** Brass **Terminal clamps:** Steel, zinc plated **Terminal screws:** #10-32 brass, neutral screw nickel plated **Ground screw:** #10-32 brass, green **Assembly screws:** Steel, zinc plated **Gasket/dust shield:** Neoprene **Cord clamp screws:** Steel, zinc plated **Cord clamp:** Nylon, except flat cable: glass-filled nylon	**Outer shell:** Nylon, except L1-15: phenolic **Interior body:** Nylon, except L1-15: phenolic **Terminal retainer:** N/A **Blades:** Brass **Line contacts:** Connectors: zinc plated **Terminal clamps:** Steel, zinc plated **Terminal screws:** Brass **Ground screw:** Brass **Assembly screws:** Steel, zinc plated **Gasket/dust shield:** Neoprene **Cord clamp screws:** Steel, zinc plated **Cord clamp:** Steel, zinc plated

Compliances, specifications and availability are subject to change without notice.

Locking devices specification & performance data

Industrial grade 15A locking receptacles

Product description

2-pole, 3-wire grounding; 3-pole, 3-wire non-grounding;
3-pole, 4-wire grounding; 4-pole, 4-wire non-grounding;
4-pole, 5-wire grounding

Device type	15A single receptacles: NEMA L5-15, L6-15, L7-15	15A duplex receptacles: NEMA L5-15, L6-15, L7-15	15A single & duplex receptacles: Non-NEMA 10/15A	15A isolated ground single & duplex receptacles: NEMA L5-15, L6-15
Wiring type	Back & side wire	Back & side wire	Back & side wire	Back & side wire
Testing & code compliance	• Listed to UL498, file no. 2369 • UL verified to Fed Spec WC-596G, except CWL515R • CSA certified to C22.2, no. 42	• Listed to UL498, file no. 2369 • UL verified to Fed Spec WC-596G • CSA certified to C22.2, no. 42	• UL recognized component, file no. E2369	• Listed to UL498, file no. 2369 • CSA certified to C22.2, no. 42, except IGL615R
Environmental specifications	**Flammability:** Meets UL94 requirements, V0 rated **Temperature rating:** -40°C to 115°C (-40°F to 239°F)	**Flammability:** Meets UL94 requirements, V0 rated **Temperature rating:** -40°C to 115°C (-40°F to 239°F)	**Flammability:** Meets UL94 requirements, V0 rated **Temperature rating:** -40°C to 115°C (-40°F to 239°F)	**Flammability:** Meets UL94 requirements, V0 rated **Temperature rating:** -40°C to 115°C (-40°F to 239°F)
Electrical specifications	**Dielectric voltage:** ≤300V: 2000V, 301-600V: 3000V per UL498 **Current interrupting:** Yes, at full-rated current **Temperature rise:** Max. 30°C (86°F) after 150 cycles of overload @ 200% of rated current (DC)	**Dielectric voltage:** ≤300V: 2000V, 301-600V: 3000V per UL498 **Current interrupting:** Yes, at full-rated current **Temperature rise:** Max. 30°C (86°F) after 150 cycles of overload @ 200% of rated current (DC)	**Dielectric voltage:** ≤300V: 2000V, 301-600V: 3000V per UL498 **Current interrupting:** Yes, at full-rated current **Temperature rise:** Max. 30°C (86°F) after 150 cycles of overload @ 200% of rated current (DC)	**Dielectric voltage:** ≤300V: 2000V, 301-600V: 3000V per UL498 **Current interrupting:** Yes, at full-rated current **Temperature rise:** Max. 30°C (86°F) after 100 cycles of overload @ 150% of rated current (DC)
Mechanical specifications	**Terminal accommodation:** #14 - #10 AWG **Voltage ratings:** Permanently marked on device	**Terminal accommodation:** #14 - #10 AWG **Voltage ratings:** Permanently marked on device	**Terminal accommodation:** #14 - #10 AWG **Voltage ratings:** Permanently marked on device	**Terminal accommodation:** #14 - #10 AWG **Voltage ratings:** Permanently marked on device
Materials	**Face:** Glass-filled nylon **Base:** Glass-filled nylon **Mounting strap:** .050" thick pre-plated steel **Auto ground clip:** N/A **Line contacts:** 0.032" thick brass **Terminal screws:** #8-32 steel screws, nickel plated **Ground screw:** #8-32 brass screw, green **Mounting screws:** Steel, zinc plated	**Face:** Glass-filled nylon **Base:** Glass-filled nylon **Mounting strap:** .050" thick pre-plated steel **Auto ground clip:** Yes **Line contacts:** 0.032" thick brass **Terminal screws:** #8-32 steel screws, nickel plated **Ground screw:** #8-32 brass screw, green **Mounting screws:** Steel, zinc plated	**Face:** Glass-filled nylon **Base:** Glass-filled nylon **Mounting strap:** .050" thick pre-plated steel **Auto ground clip:** Yes **Line contacts:** 0.032" thick brass **Terminal screws:** #8-32 steel screws, nickel plated **Ground screw:** #8-32 brass screw, green **Mounting screws:** Steel, zinc plated	**Face:** Glass-filled nylon **Base:** Glass-filled nylon **Mounting strap:** .050" thick pre-plated steel **Auto ground clip:** Yes **Line contacts:** 0.036" thick brass **Terminal screws:** #8-32 steel screws, nickel plated **Ground screw:** #8-32 brass screw, green **Mounting screws:** Steel, zinc plated

Compliances, specifications and availability are subject to change without notice.

Industrial grade 15A, 20A & 30A locking receptacles

Product description

2-pole, 3-wire grounding; 3-pole, 3-wire non-grounding;
3-pole, 4-wire grounding; 4-pole, 4-wire non-grounding;
4-pole, 5-wire grounding

Device type	20A single receptacles: NEMA L5-20, L6-20, L7-20, L8-20, L9-20, L10-20, L11-20, L12-20, L14-20, L15-20, L16-20, L18-20, L19-20, L20-20, L21-20, L22-20, L23-20, non-NEMA 20A	30A single receptacles: NEMA L5-30, L6-30, L7-30, L8-30, L9-30, L10-30, L11-30, L12-30, L13-30, L14-30, L15-30, L16-30, L17-30, L18-30, L19-30, L20-30, L21-30, L22-30, L23-30, non-NEMA 30A	20A & 30A isolated ground single receptacles: NEMA L5-20, L6-20, L7-20, L8-20, L5-30, L6-30, L7-30, L8-30, L14-20, L15-20, L16-20, L14-30, L15-30, L16-30, L21-20, L22-20, L23-20, L21-30, L22-30, L23-30	15A & 20A receptacles, 2-pole, 2-wire: NEMA L1-15, L2-20
Wiring type	Back & side wire	Back & side wire	Back & side wire	Back & side wire
Testing & code compliance	• Listed to UL498, file no. E2369 • NEMA L5-20, L6-20, L7-20, L10-20, L14-20, L15-20, L18-20 & L21-20 also UL verified to Fed Spec WC-596G • CSA certified to C22.2, no.42 except 7310B, NEMA L11-20, L12-20, 7410B, L18-20, L19-20, L20-20 • NEMA L11-20, L14-20, L15-20, L18-20, L21-20, L22-20 also NOM certified	• Listed to UL498, file no. E2369 • NEMA L5-30, L6-30, L7-30, L14-30, L15-30, L20-30, L21-30, L23-30 also UL verified to Fed Spec WC-596G • CSA certified to C22.2, no. 42 except NEMA L11-20, L12-20, AH3330-2, L10-30, L11-30, L12-30, L13-30, AH3430, L18-30, L19-30, L20-30 • NEMA L5-30, L10-30, L11-30, L14-30, L15-30, L18-30 also NOM certified	• Listed to UL498, file no. E2369 • CSA certified to C22.2, no. 42 except NEMA L5-30 • NOM certified, except for L7-20, L8-20, L6-30, L7-30, L8-30, L16-20, L21-30, L22-30, L23-30	• Listed to UL498, file no. E2369
Environmental specifications	**Flammability:** Meets UL94 requirements, V0 rated **Temperature rating:** -40°C to 60°C (-40°F to 140°F)	**Flammability:** Meets UL94 requirements, V0 rated **Temperature rating:** -40°C to 60°C (-40°F to 140°F)	**Flammability:** Meets UL94 requirements, V0 rated **Temperature rating:** -40°C to 70°C (-40°F to 158°F)	**Flammability:** Meets UL94 requirements, V0 rated **Temperature rating:** -40°C to 105°C (-40°F to 221°F)
Electrical specifications	**Dielectric voltage:** ≤300V: 2000V, 301-600V: 3000V per UL498 **Current interrupting:** Yes, at full-rated current **Temperature rise:** Max. 30°C (86°F) after 200 cycles of overload @ 200% of rated current (DC)	**Dielectric voltage:** ≤300V: 2000V, 301-600V: 3000V per UL498 **Current interrupting:** Yes, at full-rated current **Temperature rise:** Max. 30°C (86°F) after 200 cycles of overload @ 200% of rated current (DC)	**Dielectric voltage:** ≤300V: 2000V, 301-600V: 3000V per UL498 **Current interrupting:** Yes, at full-rated current **Temperature rise:** Max. 30°C (86°F) after 200 cycles of overload @ 200% of rated current (DC)	**Dielectric voltage:** ≤300V: 2000V, 301-600V: 3000V per UL498 **Current interrupting:** Yes, at full-rated current **Temperature rise:** Max. 30°C (86°F) after 100 cycles of overload @ 150% of rated current (DC)
Mechanical specifications	**Terminal accommodation:** #14 - #8 AWG **Voltage ratings:** Permanently marked on device	**Terminal accommodation:** #14 - #8 AWG **Voltage ratings:** Permanently marked on device	**Terminal accommodation:** #14 - #8 AWG **Voltage ratings:** Permanently marked on device	**Terminal accommodation:** #14 - #10 AWG **Voltage ratings:** Permanently marked on device
Materials	**Face:** Glass-filled nylon **Base:** Glass-filled nylon **Mounting strap:** .050" thick steel, zinc plated **Line contacts:** 0.042" thick brass **Terminal screws:** #10-32 brass, neutral screw nickel plated **Ground screw:** #10-32 brass, green **Contact springs:** .040" thick brass **Terminal clamps/plates:** .040" thick brass **Ground contacts:** .040" thick brass **Back plate:** .040" thick brass, nickel plated **Mounting screws:** Steel, zinc plated	**Face:** Glass-filled nylon **Base:** Glass-filled nylon **Mounting strap:** .050" thick steel, zinc plated **Line contacts:** 0.042" thick brass **Terminal screws:** #10-32 brass, neutral screw nickel plated **Ground screw:** #10-32 brass, green **Contact springs:** .040" thick brass **Terminal clamps/plates:** .040" thick brass **Ground contacts:** .040" thick brass **Back plate:** .040" thick brass, nickel plated **Mounting screws:** Steel, zinc plated	**Face:** Glass-filled nylon **Base:** Glass-filled nylon **Mounting strap:** .050" thick steel, zinc plated **Line contacts:** 0.042" thick brass **Terminal screws:** #10-32 brass, neutral screw nickel plated **Ground screw:** #10-32 brass, green **Contact springs:** .040" thick brass **Terminal clamps/plates:** .040" thick brass **Ground contacts:** .040" thick brass **Back plate:** .040" thick brass, nickel plated **Mounting screws:** Steel, zinc plated	**Face:** Glass-filled nylon **Base:** Glass-filled nylon **Mounting strap:** .050" thick steel, zinc plated **Line contacts:** 0.032" thick brass, bronze **Terminal screws:** #8-32 steel, nickel plated **Ground screw:** #8-32 brass, green **Contact springs:** 0.032" thick brass, bronze **Terminal clamps/plates:** 0.070" thick steel, zinc plated **Ground contacts:** N/A **Back plate:** N/A **Mounting screws:** Steel, zinc plated

Compliances, specifications and availability are subject to change without notice.

Locking devices specification & performance data

Industrial grade 15A, 20A & 30A locking flanged inlets & outlets

Product description

2-pole, 3-wire grounding; 3-pole, 3-wire non-grounding;
3-pole, 4-wire grounding; 4-pole, 4-wire non-grounding;
4-pole, 5-wire grounding

Device type	15A flanged inlets & flanged outlets: NEMA L5-15, L6-15, L7-15	15A & 20A flanged inlets & outlets, 2-pole, 2-wire: NEMA L1-15, L2-20	20A & 30A flanged inlets & flanged outlets: AHL520FI, AHL520FO, AHL620FI, AHL830FI, AHL1120FO, AHL1430FI, AHL1430FO, AHL2130FI, AHL2130FO
Wiring type	Back wire	Side wire	Back wire
Testing & code compliance	• Listed to UL498, file no. E2369 • CWL615FI, CWL715FI also cUL listed to UL498, file no. E3663 • CWL615FI also UL verified to Fed Spec WC-596/102-1 • CSA certified to C22.2, no.42 except CWL515FO	• Listed to UL498, file no. E2369	• AHL520FI, AHL520FO, AHL1430FO, AHL2130FI listed to UL498, file no. E2369; AHL1430FI, AHL2130FO is file no. E3663 • AHL620FI, AHL830FI, AHL1120FO cULus Listed to UL498, file no. E3663 • AHL520FO, AHL1430FI, AHL2130FI, AHL2130FO also CSA certified to C22.2, no. 42 • AHL830FI, AHL1120FO, AHL1430FO CSA certified to C22.2, no. 42 • AHL1430FI, AHL1430FO, AHL2130FI, AHL2130FO NOM certified
Environmental specifications	**Flammability:** Meets UL94 requirements, V2 rated **Temperature rating:** -40°C to 75°C (-40°F to 167°F)	**Flammability:** Meets UL94 requirements, V0 rated **Temperature rating:** -40°C to 105°C (-40°F to 221°F)	**Flammability:** Meets UL94 requirements, V2 rated **Temperature rating:** -40°C to 60°C (-40°F to 140°F)
Electrical specifications	**Dielectric voltage:** ≤300V: 2000V, 301-600V: 3000V per UL498 **Current interrupting:** Yes, at full-rated current **Temperature rise:** Flanged outlets: max. 30°C (86°F) after 50 cycles of overload @ 150% of rated current (DC); flanged inlets; max. 30°C (86°F) @ maximum rated current (DC)	**Dielectric voltage:** ≤300V: 2000V, 301-600V: 3000V per UL498 **Current interrupting:** Yes, at full-rated current **Temperature rise:** Flanged outlets: max. 30°C (86°F) after 50 cycles of overload @ 150% of rated current (DC); flanged inlets; max. 30°C (86°F) @ maximum rated current (DC)	**Dielectric voltage:** ≤300V: 2000V, 301-600V: 3000V per UL498 **Current interrupting:** Yes, at full-rated current **Temperature rise:** Flanged outlets: max. 30°C (86°F) after 50 cycles of overload @ 150% of rated current (DC); flanged inlets; max. 30°C (86°F) @ maximum rated current (DC)
Mechanical specifications	**Terminal accommodation:** #14 - #8 AWG **Voltage ratings:** Permanently marked on device	**Terminal accommodation:** #14 - #8 AWG **Voltage ratings:** Permanently marked on device	**Terminal accommodation:** #14 - #8 AWG **Voltage ratings:** Permanently marked on device
Materials	**Flanged housing:** Nylon **Interior body:** Nylon **Terminal retainer:** Polycarbonate **Blades:** .060" thick brass **Line contacts:** .060" thick brass **Terminal clamps:** Steel **Terminal screws:** #8-32 brass **Ground screw:** #8-32 brass, green **Assembly screws:** Steel, zinc plated **Mounting screws:** Steel, zinc plated	**Flanged housing:** Plated brass **Interior body:** Glass-filled nylon, except L2-20: nylon **Terminal retainer:** N/A **Blades:** .060" thick brass **Line contacts:** .060" thick brass **Terminal clamps:** N/A **Terminal screws:** #6-32 brass **Ground screw:** #6-32 brass, green **Assembly screws:** Steel, zinc plated **Mounting screws:** Steel, zinc plated	**Flanged housing:** Nylon **Interior body:** Nylon **Terminal retainer:** Polycarbonate **Blades:** .060" thick brass **Line contacts:** .060" thick brass **Terminal clamps:** Steel **Terminal screws:** #10-32 brass, neutral screw nickel plated **Ground screw:** #10-32 brass, green **Assembly screws:** Steel, zinc plated **Mounting screws:** Steel, zinc plated

Compliances, specifications and availability are subject to change without notice.

Industrial grade 20A & 30A locking flanged inlets & outlets

Product description

2-pole, 3-wire grounding; 3-pole, 3-wire non-grounding;
3-pole, 4-wire grounding; 4-pole, 4-wire non-grounding;
4-pole, 5-wire grounding

Device type	20A & 30A flanged inlets: L7-20, L8-20, L5-30, L6-30, L7-30, L10-20, L11-20, L10-30, L11-30, L14-20, L15-20, L16-20, L15-30, L16-30, L17-30, L18-20, L19-20, L20-20, L18-30, L19-30, L20-30, L21-20, L22-20, L23-20, L22-30, L23-30, Non-NEMA 20A, non-NEMA 30A, non-NEMA 20/10A	20A & 30A flanged outlets: L8-20, L6-30, L7-30, L8-30, L10-20, L14-20, L15-20, L16-20, L15-30, L16-30, L17-30, L21-20, L22-20, L23-20, L22-30, L23-30	20A & 30A flanged outlets: L6-20, L7-20, L5-30, L10-30, L11-30, L18-20, L19-20, L20-20, L18-30, L19-30, L20-30, non-NEMA 20A, non-NEMA 30A, non-NEMA 20/10A
Wiring type	Back wire	Back wire	Back wire
Testing & code compliance	• Listed to UL498 file no. E3663 • cUL Listed to UL498, file no. E3663	• Listed to UL498 file no. E2369 • CSA certified to C22.2, no. 42	• Listed to UL498 file no. E2369 • CSA certified to C22.2, no. 42
Environmental specifications	**Flammability:** Meets UL94 requirements, V2 rated **Temperature rating:** -40°C to 60°C (-40°F to 140°F)	**Flammability:** Meets UL94 requirements, V2 rated **Temperature rating:** -40°C to 60°C (-40°F to 140°F)	**Flammability:** Meets UL94 requirements, V2 rated **Temperature rating:** -40°C to 60°C (-40°F to 140°F)
Electrical specifications	**Dielectric voltage:** ≤300V: 2000V, 301-600V: 3000V per UL498 **Current interrupting:** Yes, at full-rated current **Temperature rise:** Max. 30°C (86°F) @ maximum rated current (DC)	**Dielectric voltage:** ≤300V: 2000V, 301-600V: 3000V per UL498 **Current interrupting:** Yes, at full-rated current **Temperature rise:** Max. 30°C (86°F) after 50 cycles of overload @ 150% of rated current (DC)	**Dielectric voltage:** ≤300V: 2000V, 301-600V: 3000V per UL498 **Current interrupting:** Yes, at full-rated current **Temperature rise:** Max. 30°C (86°F) after 50 cycles of overload @ 150% of rated current (DC)
Mechanical specifications	**Terminal accommodation:** #14 - #8 AWG **Voltage ratings:** Permanently marked on device	**Terminal accommodation:** #14 - #8 AWG **Voltage ratings:** Permanently marked on device	**Terminal accommodation:** #14 - #8 AWG **Voltage ratings:** Permanently marked on device
Materials	**Flanged housing:** Nylon **Interior body:** Nylon **Terminal retainer:** Polycarbonate **Blades:** .060" thick brass **Line contacts:** .060" thick brass **Terminal clamps:** Steel **Terminal screws:** #10-32 brass, neutral screw nickel plated **Ground screw:** #10-32 brass, green **Assembly screws:** Steel, zinc plated **Mounting screws:** Steel, zinc plated	**Flanged housing:** Nylon **Interior body:** Nylon **Terminal retainer:** Polycarbonate **Blades:** .060" thick brass **Line contacts:** .060" thick brass **Terminal clamps:** Steel **Terminal screws:** #10-32 brass, neutral screw nickel plated **Ground screw:** #10-32 brass, green **Assembly screws:** Steel, zinc plated **Mounting screws:** Steel, zinc plated	**Flanged housing:** Nylon **Interior body:** Nylon **Terminal retainer:** Polycarbonate **Blades:** .060" thick brass **Line contacts:** .060" thick brass **Terminal clamps:** Steel **Terminal screws:** #10-32 brass, neutral screw nickel plated **Ground screw:** #10-32 brass, green **Assembly screws:** Steel, zinc plated **Mounting screws:** Steel, zinc plated

Compliances, specifications and availability are subject to change without notice.

Locking devices specification & performance data

Industrial grade midget type locking devices

Product description

2-pole, 3-wire grounding; 3-pole, 3-wire non-grounding;
3-pole, 4-wire grounding; 4-pole, 4-wire non-grounding;
4-pole, 5-wire grounding

Device type	Midget locking plugs & connectors: NEMA ML1, ML2, ML3	Midget locking flanged inlets & flanged outlets: NEMA ML1, ML2, ML3
Wiring type	Side wire	Back wire
Testing & code compliance	• cULus Listed to UL498, file no. E3663 • NEMA ML2: CSA certified to C22.2, no. 42 • 7484: cULus Listed to C22.2, no. 42	• Listed to UL498 file no. E3663 (inlets) E2369 (outlets) • Flanged inlets: cULus Listed to UL498, file no. E3663 • Flanged outlets: CSA certified to C22.2, no. 42
Environmental specifications	**Flammability:** Meets UL94 requirements, V2 rated **Temperature rating:** -40°C to 95°C (-40°F to 203°F), except nylon: -40°C to 75°C (-40°F to 167°F)	**Flammability:** Meets UL94 requirements, V0 rated **Temperature rating:** -40°C to 150°C (-40°F to 302°F), except construction including nylon: -40°C to 75°C (-40°F to 167°F)
Electrical specifications	**Dielectric voltage:** Twice the device rating + 1000V per UL498 **Current interrupting:** Yes, at full-rated current **Temperature rise:** Max. 30°C (86°F) after 50 cycles of overload @ 150% rated current (DC)	**Dielectric voltage:** ≤300V: 2000V, 301-600V: 3000V per UL498 **Current interrupting:** Yes, at full-rated current **Temperature rise:** Max. 30°C (86°F) after 50 cycles of overload @ 250V and 15A
Mechanical specifications	**Terminal accommodation:** #16 - #12 AWG **Voltage ratings:** Permanently marked on device	**Terminal accommodation:** #16 - #12 AWG **Voltage ratings:** Permanently marked on device
Materials	**Outer shell:** Phenolic, except 7593, 7484: nylon **Interior body:** Nylon, except 7593, 7484: glass-filled nylon **Blades:** 0.060" thick brass **Line contacts:** 0.030" thick brass **Terminal screws:** #5-40 brass **Ground screw:** #5-40 brass **Assembly screws:** Steel, zinc plated **Cord clamp screws:** Zinc, except 7593, 7484: steel, zinc plated	**Outer shell:** Plated brass, except 7595, 7486N: nylon **Interior body:** Phenolic, except 7468, 7596, 7595N, 7596N, 7486, 7487, 7487N: glass-filled nylon **Blades:** 0.060" thick brass **Line contacts:** 0.060" thick brass **Terminal screws:** Brass **Ground screw:** Brass **Assembly screws:** Steel, zinc plated **Cord clamp screws:** N/A

Compliances, specifications and availability are subject to change without notice.

Industrial grade 50A marine corrosion resistant locking devices

Product description

2-pole, 3-wire grounding;
3-pole, 4-wire grounding

Device type	50A marine grade corrosion resistant locking pro grip plugs & connectors	50A marine grade corrosion resistant locking armored plugs & connectors	50A marine grade corrosion resistant locking receptacles
Wiring type	Back wire	Back wire	Back wire
Testing & code compliance	• cULus Listed to UL498, file no. E3663	• cULus Listed to UL498, file no. E3663 • cUL Listed to CSA C22.2, no. 42	• Listed to UL498, file no. E2369 • CSA certified to C22.2, no. 42
Environmental specifications	**Flammability:** Meets UL94 requirements, V0 rated **Temperature rating:** -40°C to 105°C (-40°F to 221°F)	**Flammability:** Meets UL94 requirements, V0 rated **Temperature rating:** -40°C to 95°C (-40°F to 203°F)	**Flammability:** Meets UL94 requirements, V0 rated **Temperature rating:** -40°C to 105°C (-40°F to 221°F)
Electrical specifications	**Dielectric voltage:** Twice the device rating + 1000V per UL498 **Current interrupting:** Yes, at full-rated current **Temperature rise:** 30°C (86°F) carrying max. rated current	**Dielectric voltage:** Twice the device rating + 1000V per UL498 **Current interrupting:** Yes, at full-rated current **Temperature rise:** 30°C (86°F) carrying max. rated current	**Dielectric voltage:** ≤300V: 2000V, 301-600V: 3000V per UL498 **Current interrupting:** Yes, at full-rated current **Temperature rise:** Max. 30°C (86°F) after 50 cycles of overload @ 150% of rated current (DC)
Mechanical specifications	**Terminal accommodation:** #12 - #4 AWG **Voltage ratings:** Permanently marked on device	**Terminal accommodation:** #12 - #6 AWG **Voltage ratings:** Permanently marked on device	**Terminal accommodation:** #12 - #6 AWG **Voltage ratings:** Permanently marked on device
Materials	**Outer shell:** Nylon, impact modified **Interior body:** Glass-filled nylon **Terminal retainer:** Glass-filled nylon **Blades:** Brass, nickel plated **Line contacts:** Brass, nickel plated **Ground shunt:** Phosphor bronze **Terminal clamps:** Brass, nickel plated **Terminal screws:** Brass, nickel plated **Ground strap:** N/A **Ground screw:** Brass, nickel plated **Gasket/dust shield:** Neoprene rubber **Cord clamp screws:** Stainless steel **Cord clamp:** Nylon, impact modified **Plug shroud:** Cold-rolled steel, nickel plated **Receptacle mounting strap:** N/A	**Outer shell:** Stainless steel **Interior body:** Glass-filled nylon **Terminal retainer:** Glass-filled nylon **Blades:** Brass alloy, nickel plated **Line contacts:** Brass, nickel plated **Ground shunt:** Phosphor bronze **Terminal clamps:** Brass, nickel plated **Terminal screws:** Brass, nickel plated **Ground strap:** N/A **Ground screw:** Brass, nickel plated **Gasket/dust shield:** Neoprene rubber **Cord clamp screws:** Stainless steel **Cord clamp:** Brass, nickel plated **Plug shroud:** Stainless steel **Receptacle mounting strap:** N/A	**Outer shell:** Brass, nickel plated **Interior body:** Glass-filled nylon **Terminal retainer:** Glass-filled nylon **Blades:** N/A **Line contacts:** Brass, nickel plated **Ground shunt:** Phosphor bronze **Terminal clamps:** Brass, nickel plated **Terminal screws:** Brass, nickel plated **Ground strap:** Steel, nickel plated **Ground screw:** Brass, nickel plated **Gasket/dust shield:** N/A **Cord clamp screws:** N/A **Cord clamp:** N/A **Plug shroud:** N/A **Receptacle mounting strap:** 0.065" thick brass

Compliances, specifications and availability are subject to change without notice.

Locking devices specification & performance data

Industrial grade 50A locking devices

Product description

2-pole, 3-wire grounding;
3-pole, 4-wire grounding

Device type	50A locking pro grip plugs & connectors	50A locking armored plugs & connectors	50A locking receptacles	50A locking flanged inlets
Wiring type	Back wire	Back wire	Back wire	Back wire
Testing & code compliance	• cULus Listed to UL498, file no. E3663	• cULus Listed to UL498, file no. E3663	• Listed to UL498, file no. E3663 • CSA certified to C22.2, no. 42	• Listed to UL498, file no. E3663 • cUL Listed to CSA C22.2, no. 42
Environmental specifications	**Flammability:** Meets UL94 requirements, V0 rated **Temperature rating:** -40°C to 105°C (-40°F to 221°F)	**Flammability:** Meets UL94 requirements, V0 rated **Temperature rating:** -40°C to 95°C (-40°F to 203°F)	**Flammability:** Meets UL94 requirements, V0 rated **Temperature rating:** -40°C to 105°C (-40°F to 221°F)	**Flammability:** Meets UL94 requirements, V0 rated **Temperature rating:** -40°C to 105°C (-40°F to 221°F)
Electrical specifications	**Dielectric voltage:** Twice the device rating + 1000V per UL498 **Current interrupting:** Yes, at full-rated current **Temperature rise:** For connectors: max. 30°C (86°F) after 50 cycles of overload @ 150% of rated current (DC)	**Dielectric voltage:** Twice the device rating + 1000V per UL498 **Current interrupting:** Yes, at full-rated current **Temperature rise:** For connectors: max. 30°C (86°F) after 50 cycles of overload @ 150% of rated current (DC)	**Dielectric voltage:** ≤300V: 2000V, 301-600V: 3000V per UL498 **Current interrupting:** Yes, at full-rated current **Temperature rise:** Max. 30°C (86°F) after 50 cycles of overload @ 150% of rated current (DC)	**Dielectric voltage:** ≤300V: 2000V, 301-600V: 3000V per UL498 **Current interrupting:** Yes, at full-rated current **Temperature rise:** Max. 30°C (86°F) after 50 cycles of overload @ 150% of rated current (DC)
Mechanical specifications	**Terminal accommodation:** #10 - #4 AWG **Voltage ratings:** Permanently marked on device	**Terminal accommodation:** #10 - #6 AWG **Voltage ratings:** Permanently marked on device	**Terminal accommodation:** #10 - #6 AWG **Voltage ratings:** Permanently marked on device	**Terminal accommodation:** #10 - #6 AWG **Voltage ratings:** Permanently marked on device
Materials	**Outer shell:** Nylon, impact modified **Interior body:** Glass-filled nylon **Terminal retainer:** Glass-filled nylon **Blades:** Brass alloy **Line contacts:** Brass alloy, zinc plated **Ground shunt:** Connectors: 0.027" phosphor bronze **Terminal clamps:** Brass alloy, zinc plated **Terminal screws:** 3/8-27 brass **Ground screw:** 3/8-27 brass **Assembly/mounting screws:** N/A **Gasket/dust shield:** Neoprene rubber **Cord clamp screws:** Stainless steel **Cord clamp:** Nylon, impact modified **Plug shroud:** Cold-rolled steel, zinc plated **Receptacle mounting strap:** N/A **Flanged housing/base:** N/A	**Outer shell:** Cold-rolled steel, zinc plated **Interior body:** Glass-filled nylon **Terminal retainer:** Glass-filled nylon **Blades:** Brass alloy, nickel plated **Line contacts:** Brass alloy, zinc plated **Ground shunt:** Connectors: 0.027" phosphor bronze **Terminal clamps:** Brass alloy, zinc plated **Terminal screws:** 3/8-27 brass **Ground screw:** 3/8-27 brass **Assembly/mounting screws:** Steel, zinc plated **Gasket/dust shield:** Neoprene rubber **Cord clamp screws:** Stainless steel **Cord clamp:** Steel, zinc plated (black) **Plug shroud:** Cold-rolled steel, zinc plated **Receptacle mounting strap:** N/A **Flanged housing/base:** N/A	**Outer shell:** Steel **Interior body:** Glass-filled nylon **Terminal retainer:** Glass-filled nylon **Blades:** N/A **Line contacts:** Brass alloy **Ground shunt:** N/A **Terminal clamps:** Brass alloy, zinc plated **Terminal screws:** 3/8-27 brass **Ground screw:** 3/8-27 brass **Assembly/mounting screws:** N/A **Gasket/dust shield:** N/A **Cord clamp screws:** N/A **Cord clamp:** N/A **Plug shroud:** N/A **Receptacle mounting strap:** 0.060" steel, zinc plated **Flanged housing/base:** N/A	**Outer shell:** N/A **Interior body:** Glass-filled nylon **Terminal retainer:** Glass-filled nylon **Blades:** Brass alloy, zinc plated **Line contacts:** N/A **Ground shunt:** 0.027" phosphor bronze **Terminal clamps:** Brass alloy, zinc plated **Terminal screws:** 3/8-27 brass **Ground screw:** 3/8-27 brass **Assembly/mounting screws:** Brass **Gasket/dust shield:** Neoprene rubber **Cord clamp screws:** N/A **Cord clamp:** N/A **Plug shroud:** N/A **Receptacle mounting strap:** N/A **Flanged housing/base:** Steel, zinc plated

Compliances, specifications and availability are subject to change without notice.

Hospital use power lock devices specification & performance data

Hospital use power lock locking devices

Product description

2-pole, 3-wire grounding;
20A, 50A, 60A

Device type	Hospital use nylon power lock plugs & connectors	Hospital use armored power lock plugs & connectors	Hospital use power lock single receptacles & receptacle in plate assemblies
Wiring type	Pressure wire	Pressure wire	Back & side wire
Testing & code compliance	• cULus Listed to UL498, file no. E3663	• cULus Listed to UL498, file no. E3663	• Listed to UL498, file no. E2369 • CSA certified to C22.2, no. 42
Environmental specifications	**Flammability:** Meets UL94 requirements, V0 rated **Temperature rating:** -40°C to 105°C (-40°F to 221°F)	**Flammability:** Meets UL94 requirements, V0 rated **Temperature rating:** -40°C to 105°C (-40°F to 221°F)	**Flammability:** Meets UL94 requirements, V0 rated **Temperature rating:** -40°C to 105°C (-0°F to 221°F)
Electrical specifications	**Dielectric voltage:** Twice the device rating + 1000V per UL498 **Current interrupting:** Yes, at full-rated current **Temperature rise:** Max. 30°C (86°F) after 50 cycles of overload @ 150% of rated current (DC)	**Dielectric voltage:** Twice the device rating + 1000V per UL498 **Current interrupting:** Yes, at full-rated current **Temperature rise:** Max. 30°C (86°F) after 50 cycles of overload @ 150% of rated current (DC)	**Dielectric voltage:** ≤300V: 2000V, 301-600V: 3000V per UL498 **Current interrupting:** Yes, at full-rated current **Temperature rise:** Max. 30°C (86°F) after 100 cycles of overload @ 150% of rated current (DC)
Mechanical specifications	**Terminal accommodation:** #12 - #4 AWG **Voltage ratings:** Permanently marked on device	**Terminal accommodation:** #12 - #4 AWG **Voltage ratings:** Permanently marked on device	**Terminal accommodation:** #12 - #4 AWG **Voltage ratings:** Permanently marked on device
Materials	**Interior body:** Phenolic **Terminal retainer:** Phenolic **Blades:** 0.070" thick brass **Line contacts:** CZP2002-11 sintered brass **Receptacle contact support:** N/A **Receptacle terminals:** N/A **Terminal clamps:** 0.080" thick brass **Terminal screws:** #8-32 brass **Ground screw:** #8-32 brass, green **Assembly/mounting screws:** #6-20 steel, zinc plated **Cord clamp screws:** #8-18 steel, CR plated **Cord clamp:** Nylon **Receptacle housing:** N/A **Receptacle top plate:** N/A **Receptacle grounding strap:** N/A **Receptacle cover housing/base:** N/A	**Interior body:** Phenolic **Terminal retainer:** Phenolic **Blades:** 0.070" thick brass **Line contacts:** CZP2002-11 sintered brass **Receptacle contact support:** N/A **Receptacle terminals:** N/A **Terminal clamps:** 0.080" thick brass **Terminal screws:** #8-32 brass **Ground screw:** #8-32 brass, green **Assembly/mounting screws:** #6-20 steel, zinc plated **Cord clamp screws:** #8-18 steel, CR plated **Cord clamp:** Steel **Receptacle housing:** N/A **Receptacle top plate:** N/A **Receptacle grounding strap:** N/A **Receptacle cover housing/base:** N/A	**Interior body:** Glass fiber reinforced phenolic **Terminal retainer:** N/A **Blades:** N/A **Line contacts:** 0.030" thick bronze **Receptacle contact support:** 0.020" thick bronze **Receptacle terminals:** 0.030" thick brass **Terminal clamps:** N/A **Terminal screws:** N/A **Ground screw:** N/A **Assembly/mounting screws:** N/A **Cord clamp screws:** N/A **Cord clamp:** N/A **Receptacle housing:** 0.065" thick steel **Receptacle top plate:** 0.060" thick stainless steel **Receptacle grounding strap:** 0.020" thick brass **Receptacle cover housing/base:** 0.035" thick stainless steel

Compliances, specifications and availability are subject to change without notice.

Power lock devices specification & performance data

Industrial grade power lock devices

Product description

2-pole, 3-wire grounding; 3-pole, 3-wire non-grounding;
3-pole, 3-wire grounding; 3-pole, 4-wire grounding;
4-pole, 5-wire grounding;
20A, 30/20A, 30A, 60A

Device type	Nylon & auto grip nylon power lock plugs & connectors	Armored power lock plugs & connectors	Power lock inlets, flanged inlets, outlets, & flanged outlets
Wiring type	Pressure wire	Pressure wire	Pressure wire (lug & lug screw)
Testing & code compliance	• cULus Listed to UL498, file no. E3663	• cULus Listed to UL498, file no. E3663, except 21434: UL Only	• Listed to UL498, file no. E3663 • cUL Listed to UL498, file no. E3663 • CSA certified to C22.2, no. 42
Environmental specifications	**Flammability:** Meets UL94 requirements, V0 rated **Temperature rating:** -40°C to 105°C (-40°F to 221°F)	**Flammability:** Meets UL94 requirements, V0 rated **Temperature rating:** -40°C to 105°C (-40°F to 221°F)	**Flammability:** Meets UL94 requirements, V0 rated **Temperature rating:** -40°C to 105°C (-40°F to 221°F)
Electrical specifications	**Dielectric voltage:** Twice the device rating + 1000V per UL498 **Current interrupting:** Yes, at full-rated current **Temperature rise:** Max. 30°C (86°F) after 50 cycles of overload @ 150% of rated current (DC)	**Dielectric voltage:** Twice the device rating + 1000V per UL498 **Current interrupting:** Yes, at full-rated current **Temperature rise:** Max. 30°C (86°F) after 50 cycles of overload @ 150% of rated current (DC)	**Dielectric voltage:** ≤300V: 2000V, 301-600V: 3000V per UL498 **Current interrupting:** Yes, at full-rated current **Temperature rise:** Max. 30°C (86°F) after 50 cycles of overload @ 150% of rated current (DC)
Mechanical specifications	**Terminal accommodation:** #12 - #4 AWG **Voltage ratings:** Permanently marked on device	**Terminal accommodation:** #12 - #4 AWG **Voltage ratings:** Permanently marked on device	**Terminal accommodation:** #12 - #4 AWG **Voltage ratings:** Permanently marked on device
Materials	**Inlet flip lid cover & base:** N/A **Flanged housing:** N/A **Plug/connector outer shell:** Glass-filled nylon **Interior body:** Phenolic **Terminal retainer:** Phenolic **Blades:** 0.070" thick brass **Line contacts:** CZP2002-11 sintered brass **Terminal lug:** Brass **Terminal screws:** #8-32 brass **Ground screw:** #8-32 brass, green plated **Assembly/mounting screws:** #6-20 steel, zinc plated **Cord clamp screws:** #8-18 steel, CR plated **Cord clamp:** Nylon	**Inlet flip lid cover & base:** N/A **Flanged housing:** N/A **Plug/connector outer shell:** Epoxy coated steel **Interior body:** Phenolic **Terminal retainer:** Phenolic **Blades:** 0.070" thick brass **Line contacts:** CZP2002-11 sintered brass **Terminal lug:** Brass **Terminal screws:** #8-32 brass **Ground screw:** #8-32 brass, green plated **Assembly/mounting screws:** #6-20 steel, zinc plated **Cord clamp screws:** #8-18 steel, CR plated **Cord clamp:** Steel	**Inlet flip lid cover & base:** If applicable, 0.125" thick cast aluminum **Flanged housing:** If applicable, 0.060" thick steel, zinc plated **Plug/connector outer shell:** N/A **Interior body:** Phenolic **Terminal retainer:** Phenolic **Blades:** 0.10" thick 260 brass, tin plated **Line contacts:** 0.10" thick 260 brass, tin plated **Terminal lug:** Brass **Terminal screws:** 3/8-27 brass **Ground screw:** N/A **Assembly/mounting screws:** #8-32 steel, chrome over zinc plating **Cord clamp screws:** N/A **Cord clamp:** N/A

Compliances, specifications and availability are subject to change without notice.

Power lock devices specification & performance data

Industrial grade power lock devices

Product description

2-pole, 3-wire grounding; 3-pole, 3-wire non-grounding;
3-pole, 3-wire grounding; 3-pole, 4-wire grounding;
4-pole, 5-wire grounding;
20A, 30/20A, 30A, 60A

Device type	Power lock receptacles: 3-pole, 3-wire & 3-pole, 4-wire 20A, 30A, & 30/20A	Power lock receptacles: 3-pole, 4-wire & 4-pole, 5-wire 30/20A & 60A
Wiring type	Back & side wire	Back & side wire
Testing & code compliance	• Listed to UL498, file no. E2369, except 23000G • CSA certified to C22.2, no. 42 except 23000G, AH21420, 20443N	• Listed to UL498, file no. E2369 • CSA certified to C22.2, no. 42 except 26421, 26521
Environmental specifications	**Flammability:** Meets UL94 requirements, V0 rated **Temperature rating:** -40°C to 105°C (-0°F to 221°F)	**Flammability:** Meets UL94 requirements, V0 rated **Temperature rating:** -40°C to 105°C (-0°F to 221°F)
Electrical specifications	**Dielectric voltage:** ≤300V: 2000V, 301-600V: 3000V per UL498 **Current interrupting:** Yes, at full-rated current **Temperature rise:** Max. 30°C (86°F) after 100 cycles of overload @ 150% of rated current (DC)	**Dielectric voltage:** ≤300V: 2000V, 301-600V: 3000V per UL498 **Current interrupting:** Yes, at full-rated current **Temperature rise:** Max. 30°C (86°F) after 100 cycles of overload @ 150% of rated current (DC)
Mechanical specifications	**Terminal accommodation:** #10 - #14 AWG **Voltage ratings:** Permanently marked on device	**Terminal accommodation:** #10 - #14 AWG **Voltage ratings:** Permanently marked on device
Materials	**Receptacle flip lid cover & housing:** If applicable, 0.125" thick cast aluminum **Interior body/face & base:** Glass-filled nylon **Single receptacle strap:** If applicable, 0.040" thick steel, zinc plated **Grounding strap:** N/A **Contacts:** 0.024" thick brass **Contacts support:** 0.020" thick bronze, zinc plated **Terminals:** 0.024" thick brass **Terminal screws:** #8-32 brass screw **Ground screw:** #8-32 brass screw	**Receptacle flip lid cover & housing:** If applicable, 0.125" thick cast aluminum, except 25403: cast iron cover and steel shell **Interior body/face & base:** Glass fiber reinforced phenolic **Single receptacle strap:** N/A **Grounding strap:** 0.030" thick brass **Contacts:** 0.030" thick bronze **Contacts support:** 0.020" thick bronze **Terminals:** 0.030" thick brass **Terminal screws:** 60A: 3/8-27 brass screw **Ground screw:** 60A: 3/8-27 brass screw

Compliances, specifications and availability are subject to change without notice.

SECTION
D

D
SECTION

Complex Environments

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Severe duty devices D-3

Corrosion resistant devices D-4

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20A, 125V/AC	NEMA 5-20	D-6
15A, 250V/AC	NEMA 6-15	D-7
20A, 250V/AC	NEMA 6-20	D-8

Straight blade dimensional data D-9

Watertight locking devices D-10

Severe duty locking devices D-11

Corrosion resistant locking devices D-12

2-pole, 3-wire	Rating	
15A, 125V/AC	NEMA L5-15	D-13
15A, 250V/AC	NEMA L6-15	D-13
15A, 277V/AC	NEMA L7-15	D-14
20A, 125V/AC	NEMA L5-20	D-14
20A, 250V/AC	NEMA L6-20	D-15
20A, 277V/AC	NEMA L7-20	D-15
20A, 480V/AC	NEMA L8-20	D-16
30A, 125V/AC	NEMA L5-30	D-16
30A, 250V/AC	NEMA L6-30	D-17
30A, 277V/AC	NEMA L7-30	D-17
30A, 480V/AC	NEMA L8-30	D-18

3-pole, 3-wire	Rating	
20A, 125/250V/AC	Non-NEMA	D-18
20A, 125/250V/AC	NEMA L10-20	D-19
20A, 250V/AC	NEMA L11-20	D-19
30A, 125/250V/AC	Non-NEMA	D-20
30A, 125/250V/AC	NEMA L10-30	D-20
30A, 250V/AC	NEMA L11-30	D-21

3-pole, 4-wire	Rating	
20A, 125/250V/AC	NEMA L14-20	D-21
20A, 250V/AC	NEMA L15-20	D-22
20A, 480V/AC	NEMA L16-20	D-22
30A, 125/250V/AC	NEMA L14-30	D-23
30A, 250V/AC	NEMA L15-30	D-23
30A, 480V/AC	NEMA L16-30	D-24
30A, 600V/AC	NEMA L17-30	D-24

Receptacles, plugs & connectors cont.

4-pole, 4-wire	Rating	
20A, 120/208V/AC	Non-NEMA	D-25
20A, 120/208V/AC	NEMA L18-20	D-25
20A, 277/480V/AC	NEMA L19-20	D-26
20A, 347/600V/AC	NEMA L20-20	D-26
30A, 120/208V/AC	Non-NEMA	D-27
30A, 120/208V/AC	NEMA L18-30	D-27
30A, 277/480V/AC	NEMA L19-30	D-28
30A, 347/600V/AC	NEMA L20-30	D-28

4-pole, 5-wire	Rating	
20A, 120/208V/AC	NEMA L21-20	D-29
20A, 277/480V/AC	NEMA L22-20	D-29
20A, 347/600V/AC	NEMA L23-20	D-30
30A, 120/208V/AC	NEMA L21-30	D-30
30A, 277/480V/AC	NEMA L22-30	D-31
30A, 347/600V/AC	NEMA L23-30	D-31

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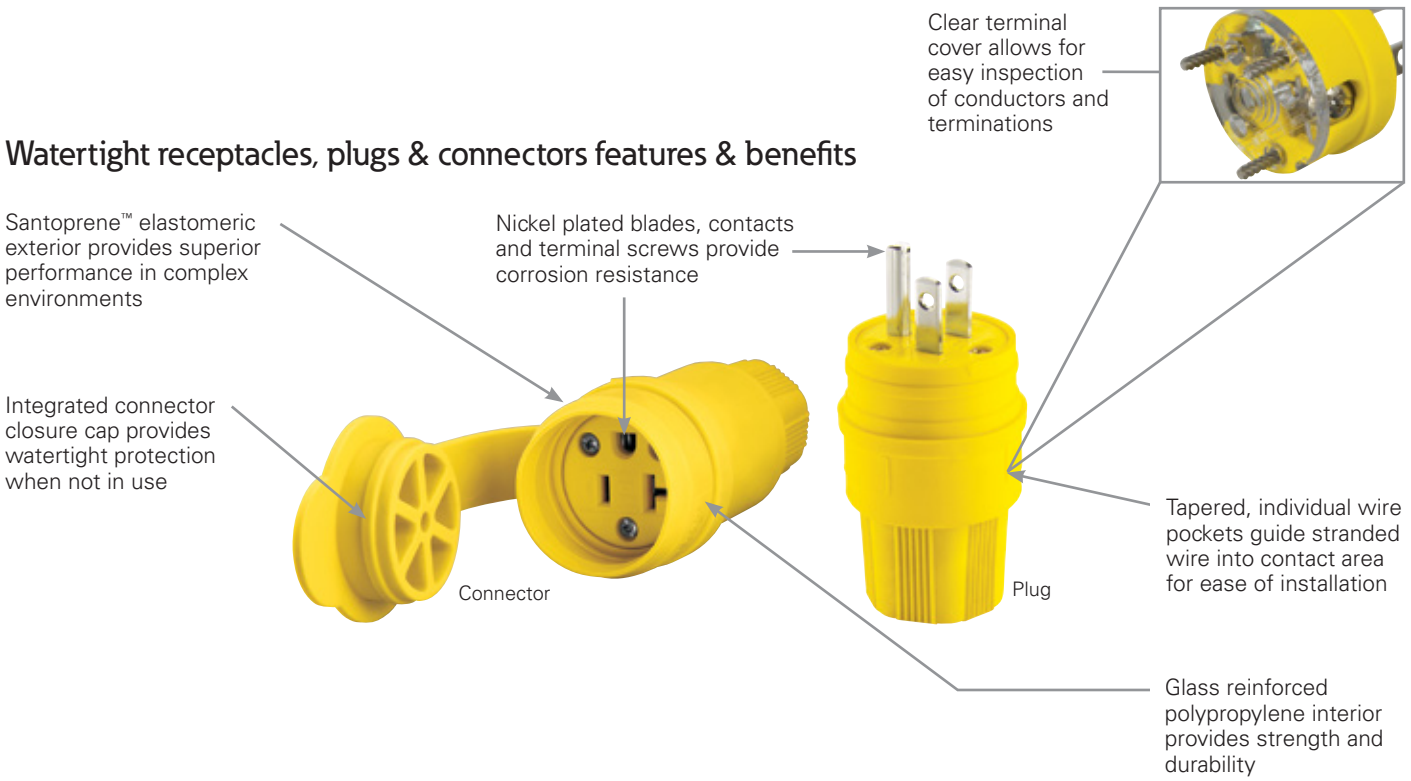
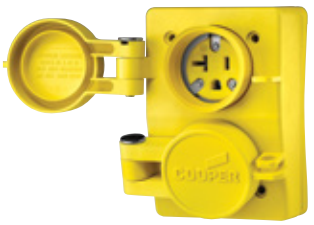
Watertight devices

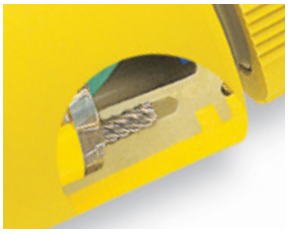
Watertight receptacles, plugs & connectors features & benefits



Unique design and sealing system provides multipoint IP67 and NEMA Type 4 watertight seal



Spring-loaded, self closing glass filled flip lids ensure a watertight seal to NEMA Type 4X when closed



Tri-combo stainless steel assembly screws provide corrosion resistance

Optional plug closure cap provides watertight protection for plug when not in use

Replace threaded cord grip with optional wire mesh fitting for integrated cable strain relief

Santoprene™ grommets ensure watertight seal at cord entrance

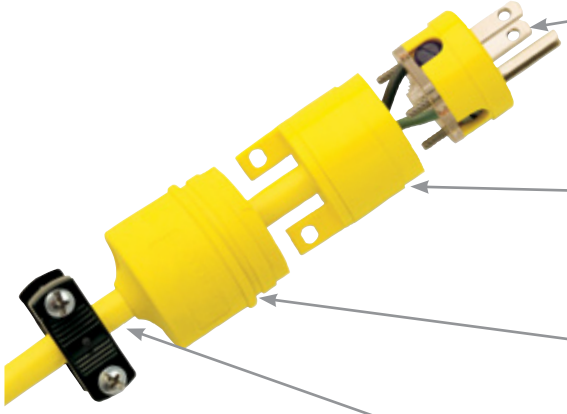
Compliances, specifications and availability are subject to change without notice.

Severe duty plugs & connectors features & benefits

Santoprene™ elastomeric exterior provides superior performance in complex environments

Dual range cord grip provides positive cord gripping while limiting strain on conductors

Connector



Plug

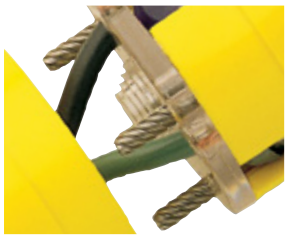
Nickel plated blades, contacts and terminal screws provide corrosion resistance

Rugged nylon interior protects and insulates terminals

Wiring chamber provides generous space for wiring

Exterior jacket seals cord entrance

Combination of rugged nylon interior body and elastomeric exterior makes severe duty devices ideal for use in harsh environments



Tri-combo stainless steel assembly screws provide corrosion resistance

Cord grip accommodates wide range of cables and provides strain relief

Multiple-head drive screws provide versatility for ease of use

Unique exterior jacket seals cord entrance to protect from contaminants

Compliances, specifications and availability are subject to change without notice.

Corrosion resistant devices

Corrosion resistant receptacles features & benefits

Solid, 1-piece, nickel plated brass grounding system assures ground integrity

High impact, arc and moisture resistant nylon construction

Exclusive 5-leaf nickel plated, solid brass blade contacts provide consistent performance and superior plug retention

Screw terminal guards provide insulation from conductive surfaces (straight blade receptacles only)

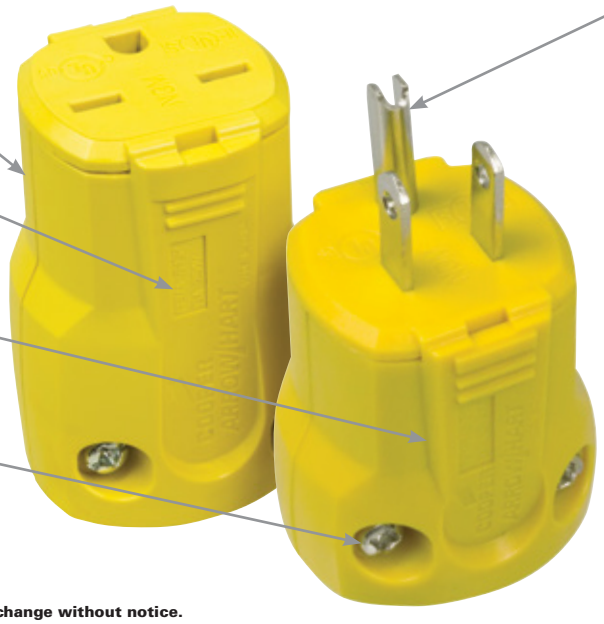
Corrosion resistant plugs & connectors features & benefits

Rugged nylon construction for extreme environments

NEMA configuration prominently displayed on exterior providing simplified identification

Exterior molds to hand with scalloped design for extra grip

Captive tri-combo screws (Slotted, Phillips and Robertson) for easy installation



Nickel plated blades, contacts and terminals

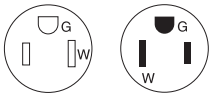
Compliances, specifications and availability are subject to change without notice.

D SECTION

Complex environment straight blade devices

Product description

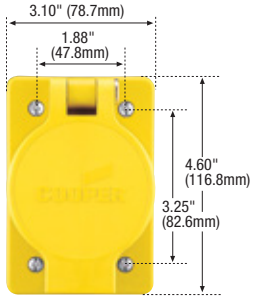
2-pole, 3-wire grounding
15A, 125V/AC
NEMA 5-15



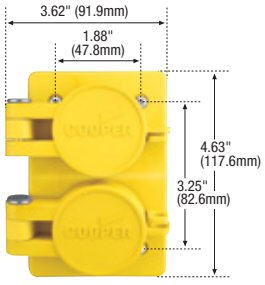
5-15R 5-15P

14W47

1547



60W47



60W47DPLX

Plugs & connectors

Rating A	Rating V/AC	NEMA	Description	Cord diameter	Color	Plug catalog no.	Connector catalog no.		
15	125	5-15	Watertight	0.30-0.65" (7.6-16.5mm)	Y	☐ 14W47*	☐ 15W47*	•	•
			Watertight	0.30-0.65" (7.6-16.5mm)	BK	☐ 14W47BK*	☐ 15W47BK*	•	•
			Severe duty	0.38-1.00" (9.7-25.4mm)	Y & BK	☐ 1447*	☐ 1547*	•	•
			Quick grip corrosion resistant	0.22-0.66" (5.6-16.8mm)	Y	☐ AH5965CR	☐ AH5969CR		•
			Auto grip corrosion resistant	0.33-0.66" (8.4-16.7mm)	Y	☐ 5266NCR	☐ 5269NCR	•	•

* Not Fed Spec

Receptacles, back & side wire

Rating A	Rating V/AC	NEMA	Description	Color	Single receptacle catalog no.	Duplex receptacle catalog no.		
15	125	5-15	Watertight	Y	☐ 60W47	☐ 60W47DPLX	•	•
			Watertight	BK	☐ 60W47BK	☐ 60W47DPLXBK	•	•
			Corrosion resistant	Y	--	☐ AH5262CRY		•
			Corrosion resistant	GY	--	☐ AH5262CRGY		•
		5-15/ L5-15	Corrosion resistant combination locking & straight blade	Y	--	☐ CR5792	•	•

Accessories for watertight 15/20A plugs & connectors

Description	Cord diameter	Catalog no.		
Watertight plug closure cap for 15A plug, yellow		☐ 14W	•	•
Watertight plug closure cap for 15A plug, black		☐ 14WBK	•	•
Replacement watertight connector closure cap for 15A connector, yellow		☐ 15W	•	•
Replacement watertight connector closure cap for 15A connector, black		☐ 15WBK	•	•
Wire mesh grip for 15/20A watertight plugs & connectors	0.31-0.37" (7.9-9.4mm)	☐ WTM131	•	•
Wire mesh grip for 15/20A watertight plugs & connectors	0.38-0.44" (9.7-11.1mm)	☐ WTM138	•	•
Wire mesh grip for 15/20A watertight plugs & connectors	0.43-0.50" (10.9-12.7mm)	☐ WTM143	•	•
Wire mesh grip for 15/20A watertight plugs & connectors	0.50-0.56" (12.7-14.3mm)	☐ WTM150	•	•
Wire mesh grip for 15/20A watertight plugs & connectors	0.56-0.63" (14.3-15.9mm)	☐ WTM156	•	•

14W

15W

WTM143

Dimensional information: D-9

Specification information:
Watertight industrial plugs & connectors: D-36
Watertight industrial receptacles: D-36
Severe duty industrial plugs & connectors: D-37
Corrosion resistant auto grip industrial plugs & connectors: D-37

Color information:

BK (Black), Y (Yellow)

BK (Black) Y (Yellow)

Compliances, specifications and availability are subject to change without notice.

Indicates NAFTA compliant - Page Q-32

RoHS compliant - Page Q-32

Straight blade devices

Complex environment straight blade devices

Product description

2-pole, 3-wire grounding
20A, 125V/AC
NEMA 5-20

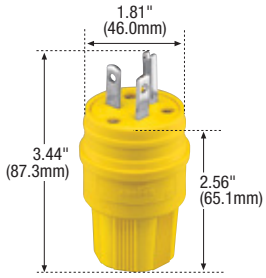
5-20R

5-20P

Plugs & connectors

A	Rating V/AC	NEMA	Description	Cord diameter	Color	Plug catalog no.	Connector catalog no.		
20	125	5-20	Watertight	0.30-0.65" (7.6-16.5mm)	Y	☐ 14W33*	☐ 15W33*	•	•
			Watertight	0.30-0.65" (7.6-16.5mm)	BK	☐ 14W33BK*	☐ 15W33BK*	•	•
			Severe duty	0.38-1.00" (9.7-25.4mm)	Y & BK	☐ 1433*	☐ 1533*		•
			Auto grip corrosion resistant	0.33-0.66" (8.4-16.7mm)	Y	☐ 5366NCR	☐ 5369NCR	•	•

* Not Fed Spec



14W33

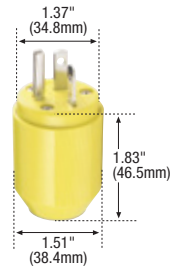
Receptacles, back & side wire

A	Rating V/AC	NEMA	Description	Color	Single receptacle catalog no.	Duplex receptacle catalog no.		
20	125	5-20	Watertight	Y	☐ 60W33	☐ 60W33DPLX	•	•
			Watertight	BK	☐ 60W33BK	☐ 60W33DPLXBK	•	•
			Corrosion resistant	Y	--	☐ AH5362CRY	•	•
			Corrosion resistant	GY	--	☐ AH5362CRGY	•	•

1533

Accessories for watertight 15/20A plugs & connectors

Description	Cord diameter	Catalog no.		
Watertight plug closure cap for 15A plug, yellow		☐ 14W	•	•
Watertight plug closure cap for 15A plug, black		☐ 14WBK	•	•
Replacement watertight connector closure cap for 15A connector, yellow		☐ 15W	•	•
Replacement watertight connector closure cap for 15A connector, black		☐ 15WBK	•	•
Wire mesh grip for 15/20A watertight plugs & connectors	0.31-0.37" (7.9-9.4mm)	☐ WTM131	•	•
Wire mesh grip for 15/20A watertight plugs & connectors	0.38-0.44" (9.7-11.1mm)	☐ WTM138	•	•
Wire mesh grip for 15/20A watertight plugs & connectors	0.43-0.50" (10.9-12.7mm)	☐ WTM143	•	•
Wire mesh grip for 15/20A watertight plugs & connectors	0.50-0.56" (12.7-14.3mm)	☐ WTM150	•	•
Wire mesh grip for 15/20A watertight plugs & connectors	0.56-0.63" (14.3-15.9mm)	☐ WTM156	•	•



5366NCR

14W

15W

WTM143

Dimensional information: D-9

Specification information:
Watertight industrial plugs & connectors: D-36
Severe duty industrial plugs & connectors: D-37
Corrosion resistant auto grip industrial plugs & connectors: D-37

Color information:

BK (Black), Y (Yellow)

BK	Y
(Black)	(Yellow)

Compliances, specifications and availability are subject to change without notice.

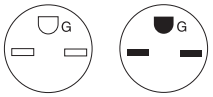
Indicates NAFTA compliant - Page Q-32

RoHS compliant - Page Q-32

Complex environment straight blade devices

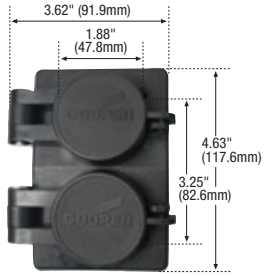
Product description

2-pole, 3-wire grounding
15A, 250V/AC
NEMA 6-15



6-15R 6-15P

15W49



60W49DPLXBK

Plugs & connectors

Rating A	V/AC	NEMA	Description	Cord diameter	Color	Plug catalog no.	Connector catalog no.		
15	250	6-15	Watertight	0.30-0.65" (7.6-16.5mm)	Y	☐ 14W49	☐ 15W49	•	•
			Watertight	0.30-0.65" (7.6-16.5mm)	BK	☐ 14W49BK	☐ 15W49BK	•	•
			Severe duty	0.38-1.00" (9.7-25.4mm)	Y & BK	☐ 1449	☐ 1549		•

Watertight receptacles, back & side wire

Rating A	V/AC	NEMA	Description	Color	Single receptacle catalog no.	Duplex receptacle catalog no.		
15	250	6-15	Watertight	Y	☐ 60W49	☐ 60W49DPLX	•	•
			Watertight	BK	☐ 60W49BK	☐ 60W49DPLXBK	•	•

Accessories for watertight 15/20A plugs & connectors

Description	Cord diameter	Catalog no.		
Watertight plug closure cap for 15A plug, yellow		☐ 14W	•	•
Watertight plug closure cap for 15A plug, black		☐ 14WBK	•	•
Replacement watertight connector closure cap for 15A connector, yellow		☐ 15W	•	•
Replacement watertight connector closure cap for 15A connector, black		☐ 15WBK	•	•
Wire mesh grip for 15/20A watertight plugs & connectors	0.31-0.37" (7.9-9.4mm)	☐ WTM131	•	•
Wire mesh grip for 15/20A watertight plugs & connectors	0.38-0.44" (9.7-11.1mm)	☐ WTM138	•	•
Wire mesh grip for 15/20A watertight plugs & connectors	0.43-0.50" (10.9-12.7mm)	☐ WTM143	•	•
Wire mesh grip for 15/20A watertight plugs & connectors	0.50-0.56" (12.7-14.3mm)	☐ WTM150	•	•
Wire mesh grip for 15/20A watertight plugs & connectors	0.56-0.63" (14.3-15.9mm)	☐ WTM156	•	•

14W

15W

WTM143

Dimensional information: D-9

Specification information:
Watertight industrial plugs & connectors: D-36
Severe duty industrial plugs & connectors: D-37

Color information:

BK (Black), Y (Yellow)

BK (Black) Y (Yellow)

Compliances, specifications and availability are subject to change without notice.

Indicates NAFTA compliant - Page Q-32

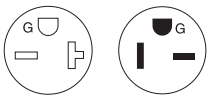
RoHS compliant - Page Q-32

Straight blade devices

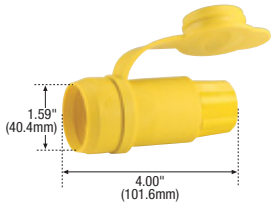
Complex environment straight blade devices

Product description

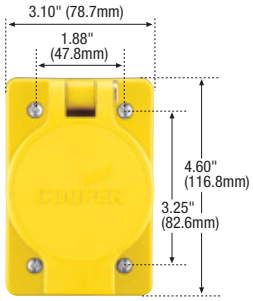
2-pole, 3-wire grounding
20A, 250V/AC
NEMA 6-20



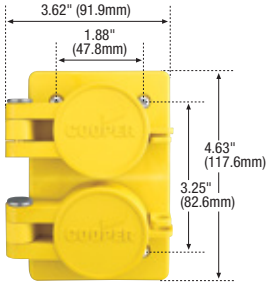
6-20R 6-20P



15W48



60W48



60W48DPLX

Plugs & connectors

Rating A	Rating V/AC	NEMA	Description	Cord diameter	Color	Plug catalog no.	Connector catalog no.		
20	250	6-20	Watertight	0.30-0.65" (7.6-16.5mm)	Y	☐ 14W48	☐ 15W48	•	•
			Watertight	0.30-0.65" (7.6-16.5mm)	BK	☐ 14W48BK	☐ 15W48BK	•	•
			Severe duty	0.38-1.00" (9.7-25.4mm)	Y & BK	☐ 1448	☐ 1548		•

Watertight receptacles, back & side wire

Rating A	Rating V/AC	NEMA	Description	Cord diameter	Color	Single receptacle catalog no.	Duplex receptacle catalog no.	
20	250	6-20	Watertight	0.30-0.65" (7.6-16.5mm)	Y	☐ 60W48	☐ 60W48DPLX	•
			Watertight	0.30-0.65" (7.6-16.5mm)	BK	☐ 60W48BK	☐ 60W48DPLXBK	•

Accessories for watertight 15/20A plugs & connectors

Description	Cord diameter	Catalog no.		
Watertight plug closure cap for 15A plug, yellow		☐ 14W	•	•
Watertight plug closure cap for 15A plug, black		☐ 14WBK	•	•
Replacement watertight connector closure cap for 15A connector, yellow		☐ 15W	•	•
Replacement watertight connector closure cap for 15A connector, black		☐ 15WBK	•	•
Wire mesh grip for 15/20A watertight plugs & connectors	0.31-0.37" (7.9-9.4mm)	☐ WTM131	•	•
Wire mesh grip for 15/20A watertight plugs & connectors	0.38-0.44" (9.7-11.1mm)	☐ WTM138	•	•
Wire mesh grip for 15/20A watertight plugs & connectors	0.43-0.50" (10.9-12.7mm)	☐ WTM143	•	•
Wire mesh grip for 15/20A watertight plugs & connectors	0.50-0.56" (12.7-14.3mm)	☐ WTM150	•	•
Wire mesh grip for 15/20A watertight plugs & connectors	0.56-0.63" (14.3-15.9mm)	☐ WTM156	•	•

14W

15W

WTM143

Dimensional information: D-9

Specification information:
Watertight industrial plugs & connectors: D-36
Watertight industrial receptacles: D-36
Severe duty industrial plugs & connectors: D-37

Color information:

BK (Black), Y (Yellow)

BK (Black) Y (Yellow)

Compliances, specifications and availability are subject to change without notice.

Indicates NAFTA compliant - Page Q-32

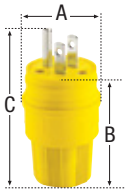
RoHS compliant - Page Q-32

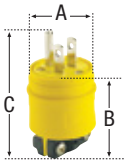
Dimensional data

Straight blade devices dimensional data

Watertight, severe duty, & corrosion resistant

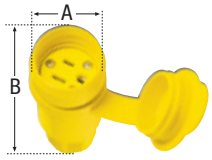
Watertight & severe duty plugs

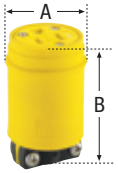




Family	A	B	C	Cord diameter
Watertight	1.81" (46.0mm)	2.56" (65.1mm)	3.44" (87.3mm)	0.30-0.65" (7.6-16.5mm)
Severe duty	1.69" (42.9mm)	2.10" (53.3mm)	2.09" (53.1mm)	0.38-1.00" (9.7-25.4mm)

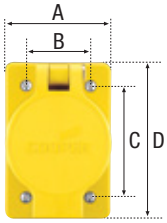
Watertight & severe duty connectors

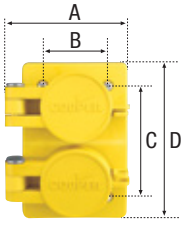


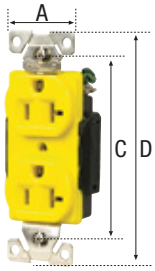


Family	A	B	Cord diameter
Watertight	1.59" (40.5mm)	4.00" (101.6mm)	0.30-0.65" (7.6-16.5mm)
Severe duty	1.69" (42.9mm)	2.78" (70.6mm)	0.38-1.00" (9.7-25.4mm)

Watertight & corrosion resistant receptacles







Family	A	B	C	D
Watertight single	3.10" (78.7mm)	1.88" (47.8mm)	3.25" (82.6mm)	4.60" (116.8mm)
Watertight duplex	3.62" (91.9mm)	1.88" (47.8mm)	3.25" (82.6mm)	4.63" (117.6mm)
Corrosion resistant duplex	1.32" (33.5mm)	N/A	3.28" (83.3mm)	4.19" (106.4mm)

Compliances, specifications and availability are subject to change without notice.

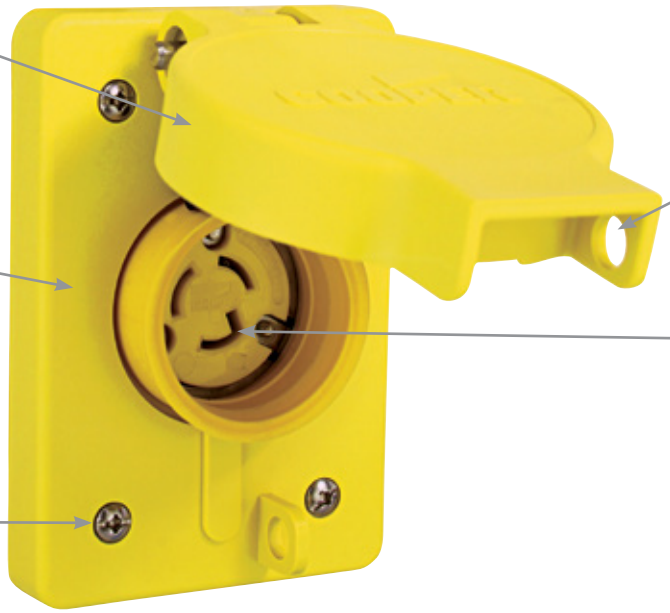
RoHS compliant - Page Q-32

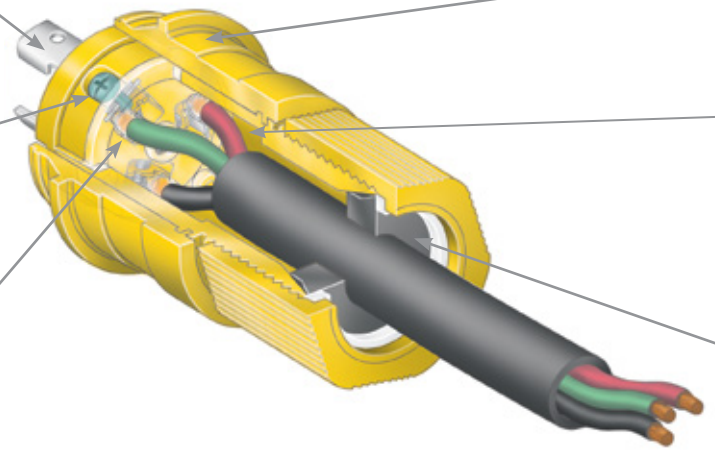
Watertight locking devices

Innovative solutions for watertight locking applications

Arrow Hart's watertight locking devices utilize a unique, robust design and superior materials to provide watertight security in harsh environments

Watertight receptacles, plugs & connectors features & benefits





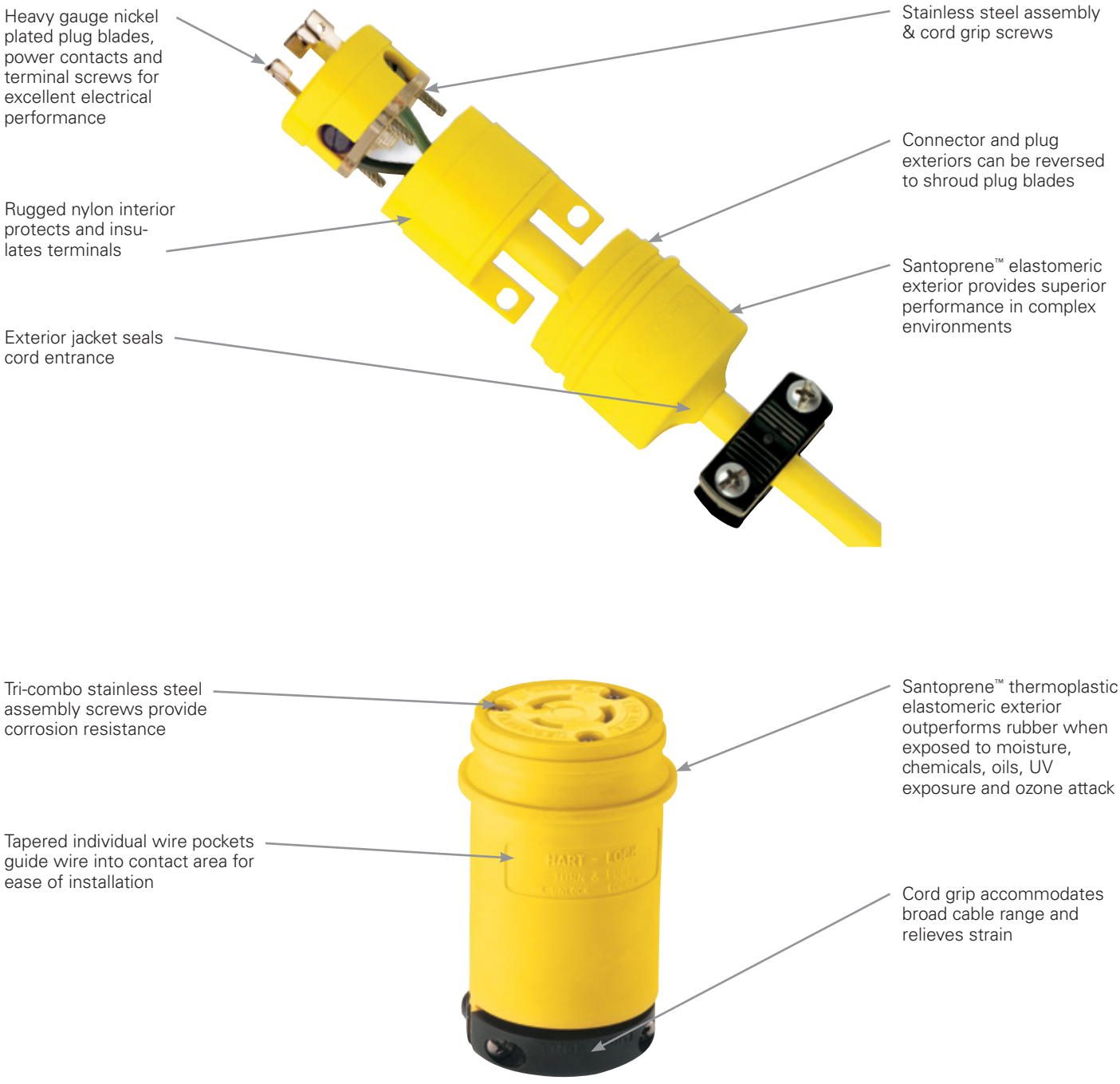
Compliances, specifications and availability are subject to change without notice.

Severe duty locking devices

Heavy duty devices for industrial applications

Arrow Hart's unique line of severe duty locking devices are designed and built tough for use in demanding environments with exposure to heat, oil, chemicals, and impact

Severe duty plugs & connectors features & benefits



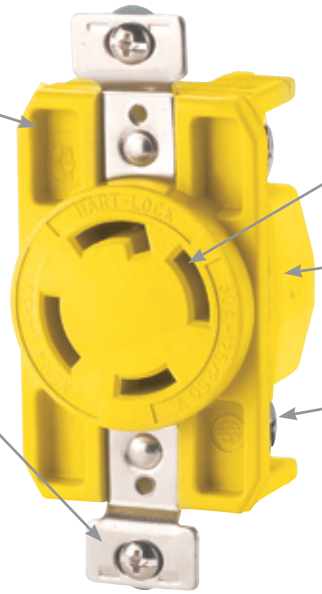
Compliances, specifications and availability are subject to change without notice.

Corrosion resistant locking devices

Designed specifically for longevity in harsh, corrosive environments

Perfect for industrial or commercial applications, corrosion resistant locking devices are engineered to deliver long, dependable performance in moisture, humidity, and corrosive environments

Corrosion resistant receptacles features & benefits



- High impact, arc-, moisture- and chemical-resistant glass reinforced nylon construction
- Nickel plated strap, contacts and terminals for corrosion resistance
- Single-piece nickel plated brass power contacts provide superior performance and minimum heat rise
- Meets MIL-M-14 CMG specifications
- Back wire terminal clamps for fast, easy and secure wiring

Corrosion resistant plugs & connectors features & benefits

- Nickel plated blades for added corrosion resistance
- Individual wiring compartments with tapered channels for easy insertion of wires
- Neoprene gasket seals cord opening for added protection against contaminants
- Heavy-duty nylon shell construction for use in the most extreme environments
- Clear cover over wiring compartments allows easy inspection of wiring terminations
- Multiple-head screws provide versatility for ease of use

Santoprene™ grommets ensure watertight seal at cord entrance

Compliances, specifications and availability are subject to change without notice.

Locking devices

Complex environment locking devices

Product description

2-pole, 3-wire grounding
15A, 125V/AC
NEMA L5-15

L5-15R L5-15P

2447

Plugs & connectors

Rating A	V/AC	NEMA	Description	Cord diameter	Color	Plug catalog no.	Connector catalog no.		
15	125	L5-15	Watertight	0.30-0.65" (7.6-16.5mm)	Y	☐ 24W47*	☐ 25W47*	•	•
			Watertight	0.30-0.65" (7.6-16.5mm)	BK	☐ 24W47BK*	☐ 25W47BK*	•	•
			Auto grip corrosion resistant	0.33-0.66" (8.4-16.7mm)	Y	☐ 4721NCR	☐ 4731NCR	•	•

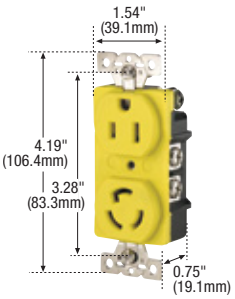
* Not Fed Spec

25W47

Receptacles

Rating A	V/AC	NEMA	Description	Color	Single receptacle catalog no.	Duplex receptacle catalog no.		
15	125	L5-15	Watertight	Y	☐ 65W47	☐ 65W47DPLX	•	•
			Watertight	BK	☐ 65W47BK	☐ 65W47DPLXBK	•	•
			Corrosion resistant	Y	--	☐ CR4700Δ	•	•
		L5-15/ 5-15	Corrosion resistant combination locking & straight blade	Y	--	☐ CR5792††	•	•

††UL Listed Only ΔUL Listed and CSA certified



CR5792

Complex environment locking devices

Product description

2-pole, 3-wire grounding
15A, 250V/AC
NEMA L6-15

L6-15R L6-15P

Plugs & connectors

Rating A	V/AC	NEMA	Description	Cord diameter	Color	Plug catalog no.	Connector catalog no.		
15	250	L6-15	Watertight	0.30-0.65" (7.6-16.5mm)	Y	☐ 24W49	☐ 25W49	•	•
			Watertight	0.30-0.65" (7.6-16.5mm)	BK	☐ 24W49BK	☐ 25W49BK	•	•

Receptacles

Rating A	V/AC	NEMA	Description	Single receptacle catalog no.	Duplex receptacle catalog no.	
15	250	L6-15	Watertight	☐ 65W49	☐ 65W49DPLX	•
			Watertight	☐ 65W49BK	☐ 65W49DPLXBK	•

Dimensional information: D-9

Specification information:
Watertight industrial plugs & connectors: D-36
Severe duty industrial plugs & connectors: D-37
Corrosion resistant auto grip industrial plugs & connectors: D-37

Color information:
BK (Black), Y (Yellow)

BK (Black) Y (Yellow)

Compliances, specifications and availability are subject to change without notice.

Indicates NAFTA compliant - Page Q-32 RoHS compliant - Page Q-32

Complex environment locking devices

Product description

2-pole, 3-wire grounding
15A, 277V/AC
NEMA L7-15

L7-15R

L7-15P

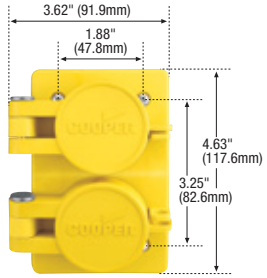
24W34

Plugs & connectors

Rating A	V/AC	NEMA	Description	Cord diameter	Color	Plug catalog no.	Connector catalog no.		
15	277	L7-15	Watertight	0.30-0.65" (7.6-16.5mm)	Y	☐ 24W34	☐ 25W34	•	•
			Watertight	0.30-0.65" (7.6-16.5mm)	BK	☐ 24W34BK	☐ 25W34BK	•	•

Receptacles

Rating A	V/AC	NEMA	Description	Color	Single receptacle catalog no.	Duplex receptacle catalog no.		
15	277	L7-15	Watertight	Y	☐ 65W34	☐ 65W34DPLX	•	•
			Watertight	BK	☐ 65W34BK	☐ 65W34DPLXBK	•	•



65W34DPLX

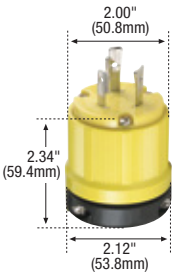
Complex environment locking devices

Product description

2-pole, 3-wire grounding
20A, 125V/AC
NEMA L5-20

L5-20R

L5-20P



CRL520P

Plugs & connectors

Rating A	V/AC	NEMA	Description	Cord diameter	Color	Plug catalog no.	Connector catalog no.		
20	125	L5-20	Watertight	0.36-0.84" (9.1-21.3mm)	Y	☐ L520PW	☐ L520CW	•	•
			Watertight	0.36-0.84" (9.1-21.3mm)	BK	☐ L520PWBK	☐ L520CWBK	•	•
			Severe duty	0.38-1.00" (9.7-25.4mm)	Y & BK	☐ L520PY	☐ L520CY	•	•
			Safety grip corrosion resistant	0.38-1.00" (9.7-25.4mm)	Y	☐ CRL520P	☐ CRL520C	•	•

Receptacles

Rating A	V/AC	NEMA	Description	Color	Single receptacle catalog no.		
20	125	L5-20	Watertight	Y	☐ L520RW$^{\Delta}$*	•	•
			Watertight	BK	☐ L520RWBK$^{\Delta}$*	•	•
			Corrosion resistant	Y	☐ CRL520R	•	•

*Not Fed Spec, $^{\Delta}$ cULus Listed

Dimensional information:
D-34-35

Specification information:
Watertight industrial plugs & connectors: D-38
Watertight industrial receptacles: D-39
Severe duty industrial plugs & connectors: D-40
Corrosion resistant: D-41

Color information:

BK (Black), Y (Yellow)

BK (Black) Y (Yellow)

Compliances, specifications and availability are subject to change without notice.

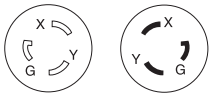
Indicates NAFTA compliant - Page Q-32

RoHS compliant - Page Q-32

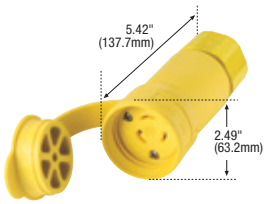
Complex environment locking devices

Product description

2-pole, 3-wire grounding
20A, 250V/AC
NEMA L6-20



L6-20R L6-20P



L620CW

Plugs & connectors

Rating A	V/AC	NEMA	Description	Cord Diameter	Color	Plug catalog no.	Connector catalog no.		
20	250	L6-20	Watertight	0.36-0.84" (9.1-21.3mm)	Y	☐ L620PW	☐ L620CW	•	•
			Watertight	0.36-0.84" (9.1-21.3mm)	BK	☐ L620PWBK	☐ L620CWBK	•	•
			Severe duty	0.38-1.00" (9.7-25.4mm)	Y & BK	☐ L620PY	☐ L620CY	•	•
			Safety grip corrosion resistant	0.38-1.00" (9.7-25.4mm)	Y	☐ CRL620P	—	•	•

* Not Fed Spec

Receptacles

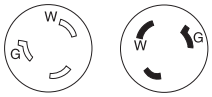
Rating A	V/AC	NEMA	Description	Color	Single receptacle catalog no.		
20	250	L6-20	Watertight	Y	☐ L620RW*	•	•
			Watertight	BK	☐ L620RWBK*	•	•
			Corrosion resistant	Y	☐ CRL620R	•	•

*Not Fed Spec

Complex environment locking devices

Product description

2-pole, 3-wire grounding
20A, 277V/AC
NEMA L7-20



L7-20R L7-20P

Plugs & connectors

Rating A	V/AC	NEMA	Description	Cord diameter	Color	Plug catalog no.	Connector catalog no.	
20	277	L7-20	Watertight	0.36-0.84" (9.1-21.3mm)	Y	☐ L720PW	☐ L720CW	•
			Watertight	0.36-0.84" (9.1-21.3mm)	BK	☐ L720PWBK	☐ L720CWBK	•
			Severe duty	0.38-1.00" (9.7-25.4mm)	Y & BK	☐ L720PY	☐ L720CY	•

Receptacles

Rating A	V/AC	NEMA	Description	Color	Single receptacle catalog no.		
20	277	L7-20	Watertight	Y	☐ L720RW	•	•
			Watertight	BK	☐ L720RWBK	•	•

Dimensional information:
D-34-35

Specification information:
Watertight industrial plugs & connectors: D-38
Watertight industrial receptacles: D-39
Severe duty industrial plugs & connectors: D-40
Corrosion resistant: D-41

Color information:

BK (Black), Y (Yellow)

BK (Black) Y (Yellow)

Compliances, specifications and availability are subject to change without notice.

Indicates NAFTA compliant - Page Q-32

RoHS compliant - Page Q-32

Complex environment locking devices

Product description

2-pole, 3-wire grounding
20A, 480V/AC
NEMA L8-20

L8-20R

L8-20P

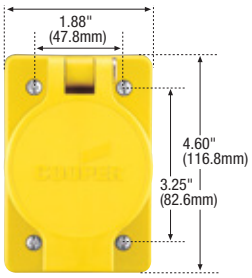
CRL530C

Plugs & connectors

Rating A	V/AC	NEMA	Description	Cord diameter	Color	Plug catalog no.	Connector catalog no.		
20	480	L8-20	Watertight	0.36-0.84" (9.1-21.3mm)	Y	☐ L820PW	☐ L820CW	•	•
			Watertight	0.36-0.84" (9.1-21.3mm)	BK	☐ L820PWBK	☐ L820CWBK	•	•
			Severe duty	0.38-1.00" (9.7-25.4mm)	Y & BK	☐ L820PY	☐ L820CY	•	•

Receptacles

Rating A	V/AC	NEMA	Description	Color	Single receptacle catalog no.	
20	480	L8-20	Watertight	Y	☐ L820RW	•
			Watertight	BK	☐ L820RWBK	•



L530RW

Complex environment locking devices

Product description

2-pole, 3-wire grounding
30A, 125V/AC
NEMA L5-30

L5-30R

L5-30P

Plugs & connectors

Rating A	V/AC	NEMA	Description	Cord diameter	Color	Plug catalog no.	Connector catalog no.		
30	125	L5-30	Watertight	0.43-1.15" (10.9-29.2mm)	Y	☐ L530PW	☐ L530CW	•	•
			Watertight	0.43-1.15" (10.9-29.2mm)	BK	☐ L530PWBK	☐ L530CWBK	•	•
			Severe duty	0.38-1.00" (9.7-25.4mm)	Y & BK	☐ L530PY	☐ L530CY	•	•
			Safety grip corrosion resistant	0.38-1.00" (9.7-25.4mm)	Y	☐ CRL530P	☐ CRL530C	•	•

Receptacles

Rating A	V/AC	NEMA	Description	Color	Single receptacle catalog no.		
30	125	L5-30	Watertight	Y	☐ L530RW	•	•
			Watertight	BK	☐ L530RWBK	•	•
			Corrosion resistant	Y	☐ CRL530R*	•	•

* UL Listed, CSA certified and Fed Spec

Dimensional information:
D-34-35

Specification information:
Watertight industrial plugs & connectors: D-38
Watertight industrial receptacles: D-39
Severe duty industrial plugs & connectors: D-40
Corrosion resistant: D-41

Color information:

BK (Black), Y (Yellow)

BK (Black)

Y (Yellow)

Compliances, specifications and availability are subject to change without notice.

Indicates NAFTA compliant - Page Q-32

RoHS compliant - Page Q-32

Complex environment locking devices

Product description

2-pole, 3-wire grounding
30A, 250V/AC
NEMA L6-30

L6-30R

L6-30P

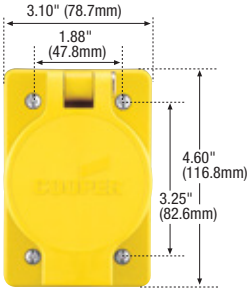
L630PW

Plugs & connectors

Rating A	V/AC	NEMA	Description	Cord diameter	Color	Plug catalog no.	Connector catalog no.		
30	250	L6-30	Watertight	0.43-1.15" (10.9-29.2mm)	Y	☐ L630PW	☐ L630CW	•	•
			Watertight	0.43-1.15" (10.9-29.2mm)	BK	☐ L630PWBK	☐ L630CWBK	•	•
			Severe duty	0.38-1.00" (9.7-25.4mm)	Y & BK	☐ L630PY	☐ L630CY	•	•
			Safety grip corrosion resistant	0.38-1.00" (9.7-25.4mm)	Y	☐ CRL630P	☐ CRL630C		•

Receptacles

Rating A	V/AC	NEMA	Description	Color	Single receptacle catalog no.		
30	250	L6-30	Watertight	Y	☐ L630RW	•	•
			Watertight	BK	☐ L630RWBK	•	•
			Corrosion resistant	Y	☐ CRL630R	•	•



L730RW

Complex environment locking devices

Product description

2-pole, 3-wire grounding
30A, 277V/AC
NEMA L7-30

L7-30R

L7-30P

Plugs & connectors

Rating A	V/AC	NEMA	Description	Cord diameter	Color	Plug catalog no.	Connector catalog no.		
30	277	L7-30	Watertight	0.43-1.15" (10.9-29.2mm)	Y	☐ L730PW	☐ L730CW	•	•
			Watertight	0.43-1.15" (10.9-29.2mm)	BK	☐ L730PWBK	☐ L730CWBK	•	•
			Severe duty	0.38-1.00" (9.7-25.4mm)	Y & BK	☐ L730PY	☐ L730CY	•	•

Receptacles

Rating A	V/AC	NEMA	Description	Color	Single receptacle catalog no.		
30	277	L7-30	Watertight	Y	☐ L730RW	•	•
			Watertight	BK	☐ L730RWBK	•	•

Dimensional information:
D-34-35

Specification information:
Watertight industrial plugs & connectors: D-38
Watertight industrial receptacles: D-39
Severe duty industrial plugs & connectors: D-40
Corrosion Resistant: D-41

Color information:
BK (Black), Y (Yellow)

BK (Black)

Y (Yellow)

Compliances, specifications and availability are subject to change without notice.

Indicates NAFTA compliant - Page Q-32

RoHS compliant - Page Q-32

Locking devices

Complex environment locking devices

Product description

2-pole, 3-wire grounding
30A, 480V/AC
NEMA L8-30

L8-30R

L8-30P

9965PY

Plugs & connectors

Rating A	V/AC	NEMA	Description	Cord diameter	Color	Plug catalog no.	Connector catalog no.		
30	480	L8-30	Watertight	0.43-1.15" (10.9-29.2mm)	Y	☐ L830PW	☐ L830CW	•	•
			Watertight	0.43-1.15" (10.9-29.2mm)	BK	☐ L830PWBK	☐ L830CWBK	•	•
			Severe duty	0.38-1.00" (9.7-25.4mm)	Y & BK	☐ L830PY	☐ L830CY	•	•

Receptacles

Rating A	V/AC	NEMA	Description	Color	Single receptacle catalog no.	
30	480	L8-30	Watertight	Y	☐ L830RW	•
			Watertight	BK	☐ L830RWBK	•

Complex environment locking devices

Product description

3-pole, 3-wire non-grounding
20A, 125/250V/AC
Non-NEMA

Receptacle

Plug

Plugs & connectors

Rating A	V/AC	Description	Cord diameter	Color	Plug catalog no.	Connector catalog no.		
20	125/250	Watertight	0.36-0.84" (9.1-21.3mm)	Y	☐ 9965PW	☐ 7314CW	•	•
		Watertight	0.36-0.84" (9.1-21.3mm)	BK	☐ 9965PWBK	☐ 7314CWBK	•	•
		Severe duty	0.38-1.00" (9.7-25.4mm)	Y & BK	☐ 9965PY	☐ 7314CY	•	•

Receptacles

Rating A	V/AC	Description	Color	Single receptacle catalog no.	
20	125/250	Watertight	Y	☐ 7314RW	•
		Watertight	BK	☐ 7314RWBK	•

Dimensional information:
D-34-35

Specification information:
Watertight industrial plugs & connectors: D-38
Watertight industrial receptacles: D-39
Severe duty industrial plugs & connectors: D-40

Color information:

BK (Black), Y (Yellow)

BK (Black)

Y (Yellow)

Compliances, specifications and availability are subject to change without notice.

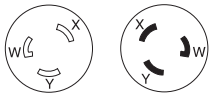
Indicates NAFTA compliant - Page Q-32

RoHS compliant - Page Q-32

Complex environment locking devices

Product description

3-pole, 3-wire non-grounding
20A, 125/250V/AC
NEMA L10-20



L10-20R L10-20P

L1020CY

Plugs & connectors

Rating A	V/AC	NEMA	Description	Cord diameter	Color	Plug catalog no.	Connector catalog no.		
20	125/250	L10-20	Watertight	0.43-1.15" (10.9-29.2mm)	Y	☐L1020PW	☐L1020CW	•	•
			Watertight	0.43-1.15" (10.9-29.2mm)	BK	☐L1020PWBK	☐L1020CWBK	•	•
			Severe duty	0.38-1.00" (9.7-25.4mm)	Y & BK	☐L1020PY	☐L1020CY	•	•

Receptacles

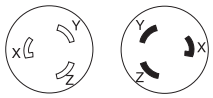
Rating A	V/AC	NEMA	Description	Color	Single receptacle catalog no.	
20	125/250	L10-20	Watertight	Y	☐L1020RW	•
			Watertight	BK	☐L1020RWBK	•

L1120PW

Complex environment locking devices

Product description

3-pole, 3-wire non-grounding
20A, 3Ø 250V/AC
NEMA L11-20



L11-20R L11-20P

3Ø plugs & connectors

Rating A	V/AC	NEMA	Description	Cord diameter	Color	Plug catalog no.	Connector catalog no.		
20	250	L11-20	3Ø watertight	0.43-1.15" (10.9-29.2mm)	Y	☐L1120PW	☐L1120CW	•	•
			3Ø watertight	0.43-1.15" (10.9-29.2mm)	BK	☐L1120PWBK	☐L1120CWBK	•	•
			3Ø severe duty	0.38-1.00" (9.7-25.4mm)	Y & BK	☐L1120PY	☐L1120CY	•	•

3Ø receptacles

Rating A	V/AC	NEMA	Description	Color	Single receptacle catalog no.	
20	250	L11-20	3Ø watertight	Y	☐L1120RW	•
			3Ø watertight	BK	☐L1120RWBK	•

Dimensional information:
D-34-35

Specification information:
Watertight industrial plugs & connectors: D-38
Watertight industrial receptacles: D-39
Severe duty industrial plugs & connectors: D-40

Color information:
BK (Black), Y (Yellow)

BK (Black) Y (Yellow)

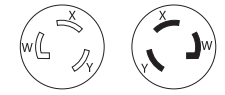
Compliances, specifications and availability are subject to change without notice.

Indicates NAFTA compliant - Page Q-32 RoHS compliant - Page Q-32

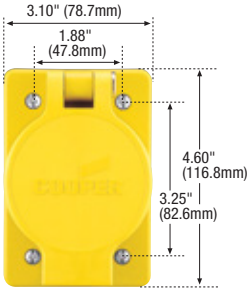
Complex environment locking devices

Product description

3-pole, 3-wire non-grounding
30A, 125/250V/AC
Non-NEMA



Receptacle Plug



3333RW

Plugs & connectors

Rating A	V/AC	Description	Cord diameter	Color	Plug catalog no.	Connector catalog no.		
30	125/250	Watertight	0.43-1.15" (10.9-29.2mm)	Y	☐ 3331PW	☐ 3333CW	•	•
		Watertight	0.43-1.15" (10.9-29.2mm)	BK	☐ 3331PWBK	☐ 3333CWBK	•	•
		Severe duty	0.38-1.00" (9.7-25.4mm)	Y & BK	☐ 3331PY	☐ 3333CY		•

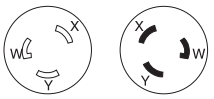
Receptacles

Rating A	V/AC	Description	Color	Single receptacle catalog no.		
30	125/250	Watertight	Y	☐ 3333RW	•	•
		Watertight	BK	☐ 3333RWBK	•	•

Complex environment locking devices

Product description

3-pole, 3-wire non-grounding
30A, 125/250V/AC
NEMA L10-30



L10-30R L10-30P

Plugs & connectors

Rating A	V/AC	NEMA	Description	Cord diameter	Color	Plug catalog no.	Connector catalog no.	
30	125/250	L10-30	Watertight	0.43-1.15" (10.9-29.2mm)	Y	☐ L1030PW	☐ L1030CW	•
			Watertight	0.43-1.15" (10.9-29.2mm)	BK	☐ L1030PWBK	☐ L1030CWBK	•
			Severe duty	0.38-1.00" (9.7-25.4mm)	Y & BK	☐ L1030PY	☐ L1030CY	•

Receptacles

Rating A	V/AC	NEMA	Description	Color	Single receptacle catalog no.	
30	125/250	L10-30	Watertight	Y	☐ L1030RW	•
			Watertight	BK	☐ L1030RWBK	•

Dimensional information:
D-34-35

Specification information:
Watertight industrial plugs & connectors: D-38
Watertight industrial receptacles: D-39
Severe duty industrial plugs & connectors: D-40

Color information:

BK (Black), Y (Yellow)

BK (Black) Y (Yellow)

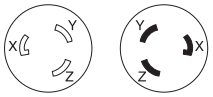
Compliances, specifications and availability are subject to change without notice.

Indicates NAFTA compliant - Page Q-32 RoHS compliant - Page Q-32

Complex environment locking devices

Product description

3-pole, 3-wire non-grounding
30A, 3Ø 250V/AC
NEMA L11-30



L11-30R L11-30P

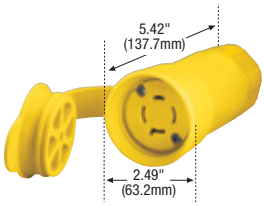
L1130PY

3Ø plugs & connectors

Rating A	V/AC	NEMA	Description	Cord diameter	Color	Plug catalog no.	Connector catalog no.		
30	250	L11-30	3Ø watertight	0.43-1.15" (10.9-29.2mm)	Y	☐L1130PW	☐L1130CW	•	•
			3Ø watertight	0.43-1.15" (10.9-29.2mm)	BK	☐L1130PWBK	☐L1130CWBK	•	•
			3Ø severe duty	0.38-1.00" (9.7-25.4mm)	Y & BK	☐L1130PY	☐L1130CY	•	•

3Ø receptacles

Rating A	V/AC	NEMA	Description	Color	Single receptacle catalog no.	
30	250	L11-30	3Ø watertight	Y	☐L1130RW	•
			3Ø watertight	BK	☐L1130RWBK	•

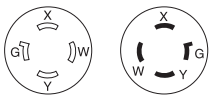


L1420CW

Complex environment locking devices

Product description

3-pole, 4-wire grounding
20A, 125/250V/AC
NEMA L14-20



L14-20R L14-20P

Plugs & connectors

Rating A	V/AC	NEMA	Description	Cord diameter	Color	Plug catalog no.	Connector catalog no.		
20	125/250	L14-20	Watertight	0.36-0.84" (9.1-21.3mm)	Y	☐L1420PW	☐L1420CW	•	•
			Watertight	0.36-0.84" (9.1-21.3mm)	BK	☐L1420PWBK	☐L1420CWBK	•	•
			Severe duty	0.63-1.16" (15.9-29.4mm)	Y & BK	☐L1420PY	☐L1420CY	•	•
			Safety grip corrosion resistant	0.38-1.00" (9.7-25.4mm)	Y	☐CRL1420P	☐CRL1420C	•	•

Receptacles

Rating A	V/AC	NEMA	Description	Color	Single receptacle catalog no.	
20	125/250	L14-20	Watertight	Y	☐L1420RW	•
			Watertight	BK	☐L1420RWBK	•
			Corrosion resistant	Y	☐CRL1420R*	•

* Only UL Listed, CSA certified, Fed Spec and NOM certified

Dimensional information:
D-34-35

Specification information:
Watertight industrial plugs & connectors: D-38
Watertight industrial receptacles: D-39
Severe duty industrial plugs & connectors: D-40
Corrosion resistant: D-41

Color information:
BK (Black), Y (Yellow)

BK (Black) Y (Yellow)

Compliances, specifications and availability are subject to change without notice.

Indicates NAFTA compliant - Page Q-32

RoHS compliant - Page Q-32

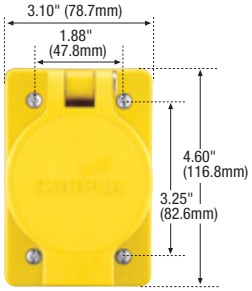
Complex environment locking devices

Product description

3-pole, 4-wire grounding
20A, 3Ø 250V/AC
NEMA L15-20

L15-20R

L15-20P



L1520RW

3Ø plugs & connectors

Rating A	V/AC	NEMA	Description	Cord diameter	Color	Plug catalog no.	Connector catalog no.		
20	250	L15-20	3Ø watertight	0.36-0.84" (9.1-21.3mm)	Y	☐ L1520PW	☐ L1520CW	•	•
			3Ø watertight	0.36-0.84" (9.1-21.3mm)	BK	☐ L1520PWBK	☐ L1520CWBK	•	•
			3Ø severe duty	0.63-1.16" (15.9-29.4mm)	Y & BK	☐ L1520PY	☐ L1520CY	•	•
			3Ø safety grip corrosion resistant	0.38-1.00" (9.7-25.4mm)	Y	☐ CRL1520P	☐ CRL1520C	•	•

3Ø receptacles

Rating A	V/AC	NEMA	Description	Color	Single receptacle catalog no.		
20	250	L15-20	Watertight	Y	☐ L1520RW[Δ]*	•	•
			Watertight	BK	☐ L1520RWBK[Δ]*	•	•
			Corrosion resistant	Y	☐ CRL1520R[†]		

[Δ] cULus Listed, * Not Fed Spec, [†] CSA certified

L1620PY

Complex environment locking devices

Product description

3-pole, 4-wire grounding
20A, 3Ø 480V/AC
NEMA L16-20

L16-20R

L16-20P

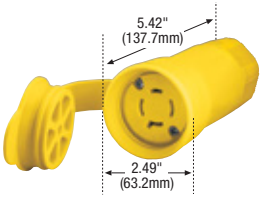
L1620CY

3Ø plugs & connectors

Rating A	V/AC	NEMA	Description	Cord diameter	Color	Plug catalog no.	Connector catalog no.		
20	480	L16-20	3Ø watertight	0.36-0.84" (9.1-21.3mm)	Y	☐ L1620PW	☐ L1620CW	•	•
			3Ø watertight	0.36-0.84" (9.1-21.3mm)	BK	☐ L1620PWBK	☐ L1620CWBK	•	•
			3Ø severe duty	0.63-1.16" (15.9-29.4mm)	Y & BK	☐ L1620PY	☐ L1620CY	•	•
			3Ø safety grip corrosion resistant	0.38-1.00" (9.7-25.4mm)	Y	☐ CRL1620P	☐ CRL1620C		

3Ø receptacles

Rating A	V/AC	NEMA	Description	Color	Single receptacle catalog no.		
20	480	L16-20	3Ø watertight	Y	☐ L1620RW	•	•
			3Ø watertight	BK	☐ L1620RWBK	•	•



L1620CW

Dimensional information:
D-34-35

Specification information:
Watertight industrial plugs & connectors: D-38
Watertight industrial receptacles: D-39
Severe duty industrial plugs & connectors: D-40
Corrosion resistant: D-41

Color information:
BK (Black), Y (Yellow)

BK (Black) Y (Yellow)

Compliances, specifications and availability are subject to change without notice.

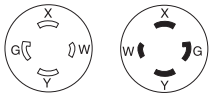
Indicates NAFTA compliant - Page Q-32

RoHS compliant - Page Q-32

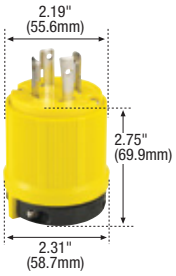
Complex environment locking devices

Product description

3-pole, 4-wire grounding
30A, 125/250V/AC
NEMA L14-30



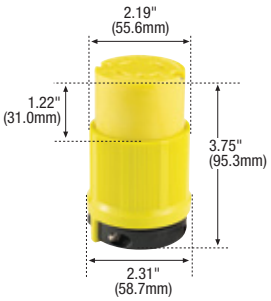
L14-30R **L14-30P**



CRL1430P

Plugs & connectors

Rating A	V/AC	NEMA	Description	Cord diameter	Color	Plug catalog no.	Connector catalog no.		
30	125/250	L14-30	Watertight	0.43-1.15" (10.9-29.2mm)	Y	☐ L1430PW	☐ L1430CW	•	•
			Watertight	0.43-1.15" (10.9-29.2mm)	BK	☐ L1430PWBK	☐ L1430CWBK	•	•
			Severe duty	0.63-1.16" (15.9-29.4mm)	Y & BK	☐ L1430PY	☐ L1430CY	•	•
			Safety grip corrosion resistant	0.63-1.16" (15.9-29.4mm)	Y	☐ CRL1430P	☐ CRL1430C	•	•

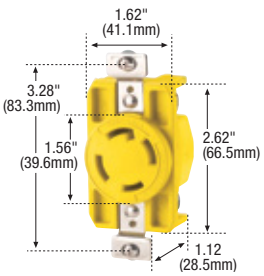


CRL1430C

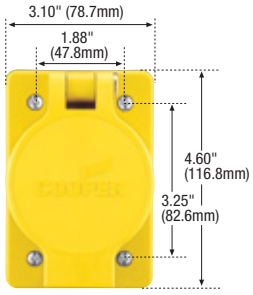
Receptacles

Rating A	V/AC	NEMA	Description	Color	Single receptacle catalog no.		
30	125/250	L14-30	Watertight	Y	☐ L1430RW	•	•
			Watertight	BK	☐ L1430RWBK	•	•
			Corrosion resistant	Y	☐ CRL1430R*	•	•

* Only UL Listed, CSA certified and Fed Spec certified



CRL1430R

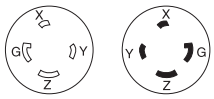


L1430RW

Complex environment locking devices

Product description

3-pole, 4-wire grounding
30A, 3Ø 250V/AC
NEMA L15-30



L15-30R **L15-30P**

3Ø plugs & connectors

Rating A	V/AC	NEMA	Description	Cord diameter	Color	Plug catalog no.	Connector catalog no.		
30	250	L15-30	3Ø watertight	0.43-1.15" (10.9-29.2mm)	Y	☐ L1530PW	☐ L1530CW	•	•
			3Ø watertight	0.43-1.15" (10.9-29.2mm)	BK	☐ L1530PWBK	☐ L1530CWBK	•	•
			3Ø severe duty	0.63-1.16" (15.9-29.4mm)	Y & BK	☐ L1530PY	☐ L1530CY	•	•
			3Ø safety grip corrosion resistant	0.63-1.16" (15.9-29.4mm)	Y	☐ CRL1530P	☐ CRL1530C	•	•

3Ø receptacles

Rating A	V/AC	NEMA	Description	Color	Single receptacle catalog no.		
30	250	L15-30	3Ø watertight	Y	☐ L1530RW	•	•
			3Ø watertight	BK	☐ L1530RWBK	•	•

Dimensional information:
D-34-35

Specification information:
Watertight industrial plugs & connectors: D-38
Watertight industrial receptacles: D-39
Severe duty industrial plugs & connectors: D-40
Corrosion resistant: D-41

Color information:

BK (Black), Y (Yellow)

BK (Black) Y (Yellow)

Compliances, specifications and availability are subject to change without notice.

Indicates NAFTA compliant - Page Q-32

RoHS compliant - Page Q-32

Complex environment locking devices

Product description

3-pole, 4-wire grounding
30A, 3Ø 480V/AC
NEMA L16-30

L16-30R

L16-30P

L1630PY

L1630CY

3Ø plugs & connectors

Rating A	V/AC	NEMA	Description	Cord diameter	Color	Plug catalog no.	Connector catalog no.		
30	480	L16-30	3Ø watertight	0.43-1.15" (10.9-29.2mm)	Y	☐L1630PW	☐L1630CW	•	•
			3Ø watertight	0.43-1.15" (10.9-29.2mm)	BK	☐L1630PWBK	☐L1630CWBK	•	•
			3Ø severe duty	0.63-1.16" (15.9-29.4mm)	Y & BK	☐L1630PY	☐L1630CY	•	•
			3Ø safety grip corrosion resistant	0.63-1.16" (15.9-29.4mm)	Y	☐CRL1630P	--		•

3Ø receptacles

Rating A	V/AC	NEMA	Description	Color	Single receptacle catalog no.		
30	480	L16-30	3Ø watertight	Y	☐L1630RW	•	•
			3Ø watertight	BK	☐L1630RWBK	•	•

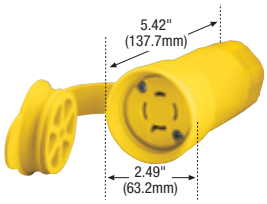
Complex environment locking devices

Product description

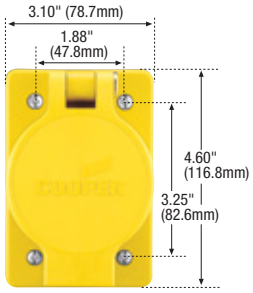
3-pole, 4-wire grounding
30A, 3Ø 600V/AC
NEMA L17-30

L17-30R

L17-30P



L1730CW



L1730RW

3Ø plugs & connectors

Rating A	V/AC	NEMA	Description	Cord diameter	Color	Plug catalog no.	Connector catalog no.		
30	600	L17-30	3Ø watertight	0.43-1.15" (10.9-29.2mm)	Y	☐L1730PW	☐L1730CW	•	•
			3Ø watertight	0.43-1.15" (10.9-29.2mm)	BK	☐L1730PWBK	☐L1730CWBK	•	•
			3Ø severe duty	0.63-1.16" (15.9-29.4mm)	Y & BK	☐L1730PY	☐L1730CY	•	•

3Ø receptacles

Rating A	V/AC	NEMA	Description	Color	Single receptacle catalog no.		
30	600	L17-30	3Ø watertight	Y	☐L1730RW	•	•
			3Ø watertight	BK	☐L1730RWBK	•	•

Dimensional information:
D-34-35

Specification information:
Watertight industrial plugs & connectors: D-38
Watertight industrial receptacles: D-39
Severe duty industrial plugs & connectors: D-40
Corrosion resistant: D-41

Color information:
BK (Black), Y (Yellow)

BK (Black) Y (Yellow)

Compliances, specifications and availability are subject to change without notice.

Indicates NAFTA compliant - Page Q-32

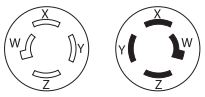
RoHS compliant - Page Q-32

Locking devices

Complex environment locking devices

Product description

4-pole, 4-wire non-grounding
20A, 3ØY 120/208V/AC
Non-NEMA



Receptacle **Plug**

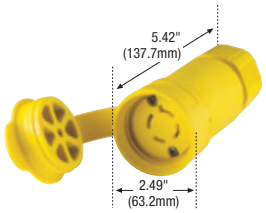
L1820PW

3ØY plugs & connectors

Rating A	Rating V/AC	Description	Cord diameter	Color	Plug catalog no.	Connector catalog no.	
20	120/208	3ØY watertight	0.43-1.15" (10.9-29.2mm)	Y	☐ 7411PW	☐ 7413CW	•
		3ØY watertight	0.43-1.15" (10.9-29.2mm)	BK	☐ 7411PWBK	☐ 7413CWBK	•
		3ØY severe duty	0.63-1.16" (15.9-29.4mm)	Y & BK	☐ 7411PY	☐ 7413CY	•

3ØY receptacles

Rating A	Rating V/AC	Description	Color	Single receptacle catalog no.	
20	120/208	3ØY watertight	Y	☐ 7413RW	•
		3ØY watertight	BK	☐ 7413RWBK	•

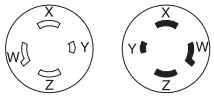


L1820CW

Complex environment locking devices

Product description

4-pole, 4-wire non-grounding
20A, 3ØY 120/208V/AC
NEMA L18-20



L18-20R **L18-20P**

3ØY plugs & connectors

Rating A	Rating V/AC	NEMA	Description	Cord diameter	Color	Plug catalog no.	Connector catalog no.		
20	120/208	L18-20	3ØY watertight	0.36-0.84" (9.1-21.3mm)	Y	☐ L1820PW	☐ L1820CW	•	•
			3ØY watertight	0.36-0.84" (9.1-21.3mm)	BK	☐ L1820PWBK	☐ L1820CWBK	•	•
			3ØY severe duty	0.63-1.16" (15.9-29.4mm)	Y & BK	☐ L1820PY	☐ L1820CY	•	•

3ØY receptacles

Rating A	Rating V/AC	NEMA	Description	Color	Single receptacle catalog no.		
20	120/208	L18-20	3ØY watertight	Y	☐ L1820RW	•	•
			3ØY watertight	BK	☐ L1820RWBK	•	•

Dimensional information:
D-34-35

Specification information:
Watertight industrial plugs & connectors: D-38
Watertight industrial receptacles: D-39
Severe duty industrial plugs & connectors: D-40

Color information:
BK (Black), Y (Yellow)

BK (Black) Y (Yellow)

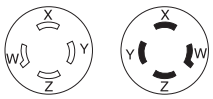
Compliances, specifications and availability are subject to change without notice.

Indicates NAFTA compliant - Page Q-32
RoHS compliant - Page Q-32

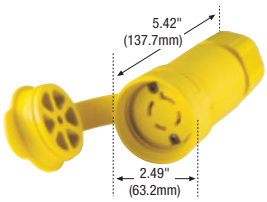
Complex environment locking devices

Product description

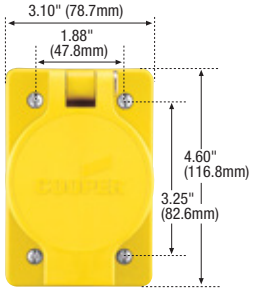
4-pole, 4-wire non-grounding
20A, 3ØY 277/480V/AC
NEMA L19-20



L19-20R **L19-20P**



L1920CW



L1920RW

3ØY plugs & connectors

Rating A	V/AC	NEMA	Description	Cord diameter	Color	Plug catalog no.	Connector catalog no.		
20	277/480	L19-20	3ØY watertight	0.36-0.84" (9.1-21.3mm)	Y	☐ L1920PW	☐ L1920CW	•	•
			3ØY watertight	0.36-0.84" (9.1-21.3mm)	BK	☐ L1920PWBK	☐ L1920CWBK	•	•
			3ØY severe duty	0.63-1.16" (15.9-29.4mm)	Y & BK	☐ L1920PY	☐ L1920CY	•	•

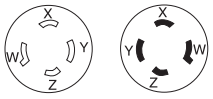
3ØY receptacles

Rating A	V/AC	NEMA	Description	Color	Single receptacle catalog no.		
20	277/480	L19-20	3ØY watertight	Y	☐ L1920RW	•	•
			3ØY watertight	BK	☐ L1920RWBK	•	•

Complex environment locking devices

Product description

4-pole, 4-wire non-grounding
20A, 3ØY 347/600V/AC
NEMA L20-20



L20-20R **L20-20P**

3ØY plugs & connectors

Rating A	V/AC	NEMA	Description	Cord diameter	Color	Plug catalog no.	Connector catalog no.		
20	347/600	L20-20	3ØY watertight	0.36-0.84" (9.1-21.3mm)	Y	☐ L2020PW	☐ L2020CW	•	•
			3ØY watertight	0.36-0.84" (9.1-21.3mm)	BK	☐ L2020PWBK	☐ L2020CWBK	•	•
			3ØY severe duty	0.63-1.16" (15.9-29.4mm)	Y & BK	☐ L2020PY	☐ L2020CY	•	•

3ØY receptacles

Rating A	V/AC	NEMA	Description	Color	Single receptacle catalog no.	
20	347/600	L20-20	3ØY watertight	Y	☐ L2020RW	•
			3ØY watertight	BK	☐ L2020RWBK	•

Dimensional information:
D-34-35

Specification information:
Watertight industrial plugs & connectors: D-38
Watertight industrial receptacles: D-39
Severe duty industrial plugs & connectors: D-40

Color information:
BK (Black), Y (Yellow)

BK (Black) Y (Yellow)

Compliances, specifications and availability are subject to change without notice.

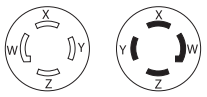
Indicates NAFTA compliant - Page Q-32

RoHS compliant - Page Q-32

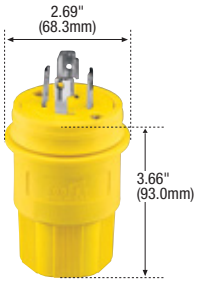
Complex environment locking devices

Product description

4-pole, 4-wire non-grounding
30A, 3ØY 120/208V/AC
Non-NEMA



Receptacle Plug



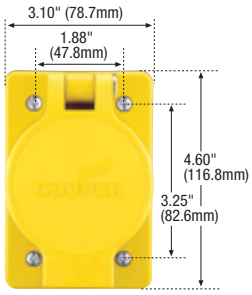
L1830PW

3ØY plugs & connectors

Rating A	Rating V/AC	Description	Cord diameter	Color	Plug catalog no.	Connector catalog no.	RoHS
30	120/208	3ØY watertight	0.43-1.15" (10.9-29.2mm)	Y	☐ 3431PW	☐ 3433CW	•
		3ØY watertight	0.43-1.15" (10.9-29.2mm)	BK	☐ 3431PWBK	☐ 3433CWBK	•
		3ØY severe duty	0.63-1.16" (15.9-29.4mm)	Y & BK	☐ 3431PY	☐ 3433CY	•

3ØY receptacles

Rating A	Rating V/AC	Description	Color	Single receptacle catalog no.	RoHS
30	120/208	3ØY watertight	Y	☐ 3433RW	•
		3ØY watertight	BK	☐ 3433RWBK	•

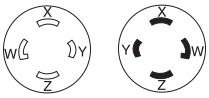


L1830RW

Complex environment locking devices

Product description

4-pole, 4-wire non-grounding
30A, 3ØY 120/208V/AC
NEMA L18-30



L18-30R L18-30P

3ØY plugs & connectors

Rating A	Rating V/AC	NEMA	Description	Cord diameter	Color	Plug catalog no.	Connector catalog no.	NAFTA	RoHS
30	120/208	L18-30	3ØY watertight	0.43-1.15" (10.9-29.2mm)	Y	☐ L1830PW	☐ L1830CW	•	•
			3ØY watertight	0.43-1.15" (10.9-29.2mm)	BK	☐ L1830PWBK	☐ L1830CWBK	•	•
			3ØY severe duty	0.63-1.16" (15.9-29.4mm)	Y & BK	☐ L1830PY	☐ L1830CY	•	•

3ØY receptacles

Rating A	Rating V/AC	NEMA	Description	Color	Single receptacle catalog no.	NAFTA	RoHS
30	120/208	L18-30	3ØY watertight	Y	☐ L1830RW	•	•
			3ØY watertight	BK	☐ L1830RWBK	•	•

Dimensional information:
D-34-35

Specification information:
Watertight industrial plugs & connectors: D-38
Watertight industrial receptacles: D-39
Severe duty industrial plugs & connectors: D-40

Color information:
BK (Black), Y (Yellow)

BK (Black) Y (Yellow)

Compliances, specifications and availability are subject to change without notice.

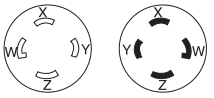
Indicates NAFTA compliant - Page Q-32

RoHS compliant - Page Q-32

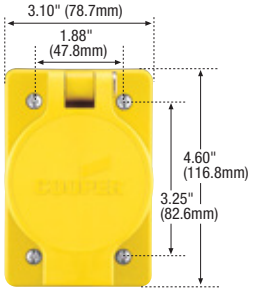
Complex environment locking devices

Product description

4-pole, 4-wire non-grounding
30A, 3ØY 277/480V/AC
NEMA L19-30



L19-30R **L19-30P**



L2030RW

3ØY plugs & connectors

Rating A	V/AC	NEMA	Description	Cord diameter	Color	Plug catalog no.	Connector catalog no.		
30	277/480	L19-30	3ØY watertight	0.43-1.15" (10.9-29.2mm)	Y	☐ L1930PW	☐ L1930CW	•	•
			3ØY watertight	0.43-1.15" (10.9-29.2mm)	BK	☐ L1930PWBK	☐ L1930CWBK	•	•
			3ØY severe duty	0.63-1.16" (15.9-29.4mm)	Y & BK	☐ L1930PY	☐ L1930CY	•	•

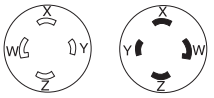
3ØY receptacles

Rating A	V/AC	NEMA	Description	Color	Single receptacle catalog no.		
30	277/480	L19-30	3ØY watertight	Y	☐ L1930RW	•	•
			3ØY watertight	BK	☐ L1930RWBK	•	•

Complex environment locking devices

Product description

4-pole, 4-wire non-grounding
30A, 3ØY 347/600V/AC
NEMA L20-30



L20-30R **L20-30P**

3ØY plugs & connectors

Rating A	V/AC	NEMA	Description	Cord diameter	Color	Plug catalog no.	Connector catalog no.	
30	347/600	L20-30	3ØY watertight	0.43-1.15" (10.9-29.2mm)	Y	☐ L2030PW	☐ L2030CW	•
			3ØY watertight	0.43-1.15" (10.9-29.2mm)	BK	☐ L2030PWBK	☐ L2030CWBK	•
			3ØY severe duty	0.63-1.16" (15.9-29.4mm)	Y & BK	☐ L2030PY	☐ L2030CY	•

3ØY receptacles

Rating A	V/AC	NEMA	Description	Color	Single receptacle catalog no.		
30	347/600	L20-30	3ØY watertight	Y	☐ L2030RW	•	•
			3ØY watertight	BK	☐ L2030RWBK	•	•

Dimensional information:
D-34-35

Specification information:
Watertight industrial plugs & connectors: D-38
Watertight industrial receptacles: D-39
Severe duty industrial plugs & connectors: D-40

Color information:
BK (Black), Y (Yellow)

BK (Black) Y (Yellow)

Compliances, specifications and availability are subject to change without notice.

Indicates NAFTA compliant - Page Q-32

RoHS compliant - Page Q-32

Complex environment locking devices

Product description

4-pole, 5-wire grounding
20A, 3ØY 120/208V/AC
NEMA L21-20

L21-20R

L21-20P

L2120CW

3ØY plugs & connectors

Rating A	V/AC	NEMA	Description	Cord diameter	Color	Plug catalog no.	Connector catalog no.		
20	120/208	L21-20	3ØY watertight	0.36-0.84" (9.1-21.3mm)	Y	☐ L2120PW	☐ L2120CW	•	•
			3ØY watertight	0.36-0.84" (9.1-21.3mm)	BK	☐ L2120PWBK	☐ L2120CWBK	•	•
			3ØY severe duty	0.63-1.16" (15.9-29.4mm)	Y & BK	☐ L2120PY	☐ L2120CY	•	•

3ØY receptacles

Rating A	V/AC	NEMA	Description	Color	Single receptacle catalog no.		
20	120/208	L21-20	3ØY watertight	Y	☐ L2120RW	•	•
			3ØY watertight	BK	☐ L2120RWBK	•	•

Complex environment locking devices

Product description

4-pole, 5-wire grounding
20A, 3ØY 277/480V/AC
NEMA L22-20

L22-20R

L22-20P

3ØY plugs & connectors

Rating A	V/AC	NEMA	Description	Cord diameter	Color	Plug catalog no.	Connector catalog no.		
20	277/480	L22-20	3ØY watertight	0.36-0.84" (9.1-21.3mm)	Y	☐ L2220PW	☐ L2220CW	•	•
			3ØY watertight	0.36-0.84" (9.1-21.3mm)	BK	☐ L2220PWBK	☐ L2220CWBK	•	•
			3ØY severe duty	0.63-1.16" (15.9-29.4mm)	Y & BK	☐ L2220PY	☐ L2220CY	•	•

3ØY receptacles

Rating A	V/AC	NEMA	Description	Color	Single receptacle catalog no.	
20	277/480	L22-20	3ØY watertight	Y	☐ L2220RW	•
			3ØY watertight	BK	☐ L2220RWBK	•

Dimensional information:
D-34-35

Specification information:
watertight industrial plugs & connectors: D-38
Watertight industrial receptacles: D-39
Severe duty industrial Plugs & connectors: D-40

Color Information:

BK (Black), Y (Yellow)

BK (Black) Y (Yellow)

Compliances, specifications and availability are subject to change without notice.

Indicates NAFTA compliant - Page Q-32

RoHS compliant - Page Q-32

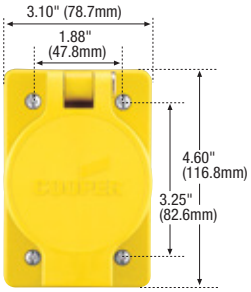
Complex environment locking devices

Product description

4-pole, 5-wire grounding
20A, 3ØY 347/600V/AC
NEMA L23-20

L23-20R

L23-20P



L2320RW

3ØY plugs & connectors

Rating A	V/AC	NEMA	Description	Cord diameter	Color	Plug catalog no.	Connector catalog no.	RoHS
20	347/600	L23-20	3ØY watertight	0.36-0.84" (9.1-21.3mm)	Y	☐ L2320PW	☐ L2320CW	•
			3ØY watertight	0.36-0.84" (9.1-21.3mm)	BK	☐ L2320PWBK	☐ L2320CWBK	•
			3ØY severe duty	0.63-1.16" (15.9-29.4mm)	Y & BK	☐ L2320PY	☐ L2320CY	•

3ØY receptacles

Rating A	V/AC	NEMA	Description	Color	Single receptacle catalog no.		RoHS
20	347/600	L23-20	3ØY watertight	Y	☐ L2320RW	•	•
			3ØY watertight	BK	☐ L2320RWBK	•	•

Complex environment locking devices

Product description

4-pole, 5-wire grounding
30A, 3ØY 120/208V/AC
NEMA L21-30

L21-30R

L21-30P

3ØY plugs & connectors

Rating A	V/AC	NEMA	Description	Cord diameter	Color	Plug catalog no.	Connector catalog no.		RoHS
30	120/208	L21-30	3ØY watertight	0.43-1.15" (10.9-29.2mm)	Y	☐ L2130PW	☐ L2130CW	•	•
			3ØY watertight	0.43-1.15" (10.9-29.2mm)	BK	☐ L2130PWBK	☐ L2130CWBK	•	•
			3ØY severe duty	0.63-1.16" (15.9-29.4mm)	Y & BK	☐ L2130PY	☐ L2130CY	•	•

3ØY receptacles

Rating A	V/AC	NEMA	Description	Color	Single receptacle catalog no.		RoHS
30	120/208	L21-30	3ØY watertight	Y	☐ L2130RW	•	•
			3ØY watertight	BK	☐ L2130RWBK	•	•

Dimensional information:
D-34-35

Specification information:
Watertight industrial plugs & connectors: D-38
Watertight industrial receptacles: D-39
Severe duty industrial plugs & connectors: D-40

Color information:
BK (Black), Y (Yellow)

BK (Black) Y (Yellow)

Compliances, specifications and availability are subject to change without notice.

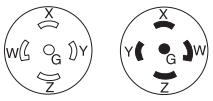
Indicates NAFTA compliant - Page Q-32

RoHS compliant - Page Q-32

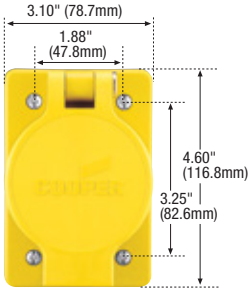
Complex environment locking devices

Product description

4-pole, 5-wire grounding
30A, 3ØY 277/480V/AC
NEMA L22-30



L22-30R L22-30P



L2330RW

3ØY plugs & connectors

Rating A	V/AC	NEMA	Description	Cord diameter	Color	Plug catalog no.	Connector catalog no.		
30	277/480	L22-30	3ØY severe duty	0.63-1.16" (15.9-29.4mm)	Y & BK	☐ L2230PY	☐ L2230CY	•	•
			3ØY watertight	0.43-1.15" (10.9-29.2mm)	Y	☐ L2230PW	☐ L2230CW	•	•
			3ØY watertight	0.43-1.15" (10.9-29.2mm)	BK	☐ L2230PWBK	☐ L2230CWBK	•	•

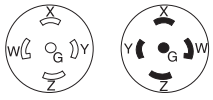
3ØY receptacles

Rating A	V/AC	NEMA	Description	Color	Single receptacle catalog no.		
30	277/480	L22-30	3ØY watertight	Y	☐ L2230RW	•	•
			3ØY watertight	BK	☐ L2230RWBK	•	•

Complex environment locking devices

Product description

4-pole, 5-wire grounding
30A, 3ØY 347/600V/AC
NEMA L23-30



L23-30R L23-30P

3ØY plugs & connectors

Rating A	V/AC	NEMA	Description	Cord diameter	Color	Plug catalog no.	Connector catalog no.	
30	347/600	L23-30	3ØY severe duty	0.63-1.16" (15.9-29.4mm)	Y & BK	☐ L2330PY	☐ L2330CY	•
			3ØY watertight	0.43-1.15" (10.9-29.2mm)	Y	☐ L2330PW	☐ L2330CW	•
			3ØY watertight	0.43-1.15" (10.9-29.2mm)	BK	☐ L2330PWBK	☐ L2330CWBK	•

3ØY receptacles

Rating A	V/AC	NEMA	Description	Color	Single receptacle catalog no.		
30	347/600	L23-30	3ØY watertight	Y	☐ L2330RW	•	•
			3ØY watertight	BK	☐ L2330RWBK	•	•

Dimensional information:
D-34-35

Specification information:
Watertight industrial plugs & connectors: D-38
Watertight industrial receptacles: D-39
Severe duty industrial plugs & connectors: D-40

Color information:
BK (Black), Y (Yellow)

BK (Black) Y (Yellow)

Compliances, specifications and availability are subject to change without notice.

Indicates NAFTA compliant - Page Q-32
RoHS compliant - Page Q-32

Locking devices accessories

Accessories

Watertight

14W

15W

20PW

30CW

15/20A straight blade & 15A locking watertight plugs & connectors

Description	Color	Catalog no.		
Watertight plug closure cap for plug	Y	☐ 14W	•	•
Watertight plug closure cap for plug	BK	☐ 14WBK	•	•
Replacement watertight connector closure cap for connector	Y	☐ 15W	•	•
Replacement watertight connector closure cap for connector	BK	☐ 15WBK	•	•

20A locking watertight devices

Description	Color	Catalog no.		
Closure cap for watertight plug	Y	☐ 20PW	•	•
Closure cap for watertight plug	BK	☐ 20PWBK	•	•
Replacement closure cap for watertight connector	Y	☐ 20CW		•
Replacement closure cap for watertight connector	BK	☐ 20CWBK		•

30A locking watertight devices

Description	Color	Catalog no.		
Closure cap for watertight plug	Y	☐ 30PW	•	•
Closure cap for watertight plug	BK	☐ 30PWBK	•	•
Replacement closure cap for watertight connector	Y	☐ 30CW		•
Replacement closure cap for watertight connector	BK	☐ 30CWBK		•

Color information:

BK (Black), Y (Yellow)

BK (Black) Y (Yellow)

Compliances, specifications and availability are subject to change without notice.

Indicates NAFTA compliant - Page Q-32

RoHS compliant - Page Q-32

Accessories

Watertight

WTM275

Grommets
Each color sold separately
(Bag of 5)

Wire mesh for watertight plugs & connectors

Description	Cord diameter	Catalog no.	
15/20A straight blade, 15A locking	0.31-0.37" (7.9-9.4mm)	☐ WTM131	•
	0.38-0.44" (9.7-11.1mm)	☐ WTM138	•
	0.43-0.50" (10.9-12.7mm)	☐ WTM143	•
	0.50-0.56" (12.7-14.3mm)	☐ WTM150	•
	0.56-0.63" (14.3-15.9mm)	☐ WTM156	•
20/30A locking	0.50-0.63" (12.7-15.9mm)	☐ WTM250	•
	0.63-0.75" (15.9-19.1mm)	☐ WTM263	•
	0.75-0.88" (19.1-22.2mm)	☐ WTM275	•
	0.88-1.00" (22.2-25.4mm)	☐ WTM288	•

Grommets for watertight plugs & connectors

Description	Cord diameter	Color	Catalog no.		
Grommet 20A/30A (Bag of 5)	.360-.425" (9.1-10.8mm)	BK	☐ 1547-70-P	•	•
Grommet 20A/30A (Bag of 5)	.425-.520" (10.8-13.2mm)	BL	☐ 1547-71-P	•	•
Grommet 20A/30A (Bag of 5)	.520-.620" (13.2-15.7mm)	RD	☐ 1547-72-P	•	•
Grommet 20A/30A (Bag of 5)	.620-.720" (15.7-18.3mm)	NA	☐ 1547-73-P	•	•
Grommet 20A/30A (Bag of 5)	.720-.820" (18.3-20.8mm)	GR	☐ 1547-74-P	•	•
Grommet 20A/30A (Bag of 5)	.820-.930" (20.8-23.6mm)	Y	☐ 1547-75-P	•	•
Grommet 20A/30A (Bag of 5)	.820-.930" (20.8-23.6mm)	BK	☐ 1547-75BK-P	•	•
Grommet 20A/30A (Bag of 5)	.930-1.05" (23.6-26.7mm)	OG	☐ 1547-76-P	•	•
Grommet 20A/30A (Bag of 5)	1.05-1.15" (26.7-29.2mm)	GY	☐ 1547-77-P	•	•

Color information:

BK (Black), BL (Blue), GR (Green), GY (Gray), NA (Natural), OG (Orange), RD (Red), Y (Yellow)

BK	BL	GR	GY	NA	OG	RD	Y
(Black)	(Blue)	(Green)	(Gray)	(Natural)	(Orange)	(Red)	(Yellow)

Compliances, specifications and availability are subject to change without notice.

Indicates NAFTA compliant - Page Q-32

RoHS compliant - Page Q-32

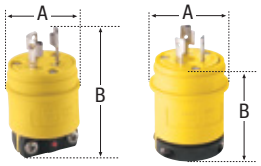
Locking devices dimensional data

Complex environment severe duty locking devices

Product description

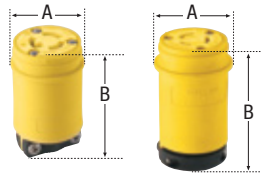
15A, 20A & 30A
Locking devices

Severe duty plugs



Family	A	B	Cord diameter
15A locking	1.69" (42.9mm)	2.09" (53.1mm)	0.33-0.66" (8.4-16.7mm)
20A locking: 2-P, 3-W & 3-P, 3-W	2.39" (60.7mm)	2.86" (72.6mm)	0.38-1.00" (9.7-25.4mm)
20A locking: 3-P, 4-W; 4-P, 4-W; 4-P, 5-W	2.39" (60.7mm)	2.86" (72.6mm)	0.63-1.16" (15.9-29.4mm)
30A locking: 2-P, 3-W & 3-P, 3-W	2.64" (67.1mm)	2.86" (72.6mm)	0.38-1.00" (9.7-25.4mm)
30A locking: 3-P, 4-W; 4-P, 4-W; 4-P, 5-W	2.64" (67.1mm)	2.86" (72.6mm)	0.38-1.00" (9.7-25.4mm)

Severe duty connectors



Family	A	B	Cord diameter
15A locking	1.69" (42.9mm)	2.78" (70.6mm)	0.33-0.66" (8.4-16.7mm)
20A locking: 2-P, 3-W & 3-P, 3-W	2.39" (60.7mm)	3.86" (98.0mm)	0.38-1.00" (9.7-25.4mm)
20A locking: 3-P, 4-W; 4-P, 4-W; 4-P, 5-W	2.39" (60.7mm)	3.86" (98.0mm)	0.63-1.16" (15.9-29.4mm)
30A locking: 2-P, 3-W & 3-P, 3-W	2.64" (67.1mm)	3.94" (100.1mm)	0.38-1.00" (9.7-25.4mm)
30A locking: 3-P, 4-W; 4-P, 4-W; 4-P, 5-W	2.64" (67.1mm)	3.94" (100.1mm)	0.38-1.00" (9.7-25.4mm)

Compliances, specifications and availability are subject to change without notice.

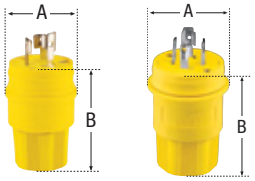
Locking device dimensional data

Complex environment plugs, connectors & receptacles

Product description

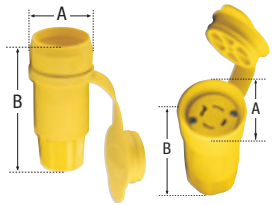
15A, 20A & 30A
Locking devices

Watertight plugs



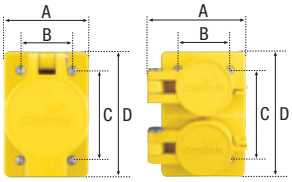
Family	A	B	Cord diameter
15A locking	1.62" (41.1mm)	2.96" (75.2mm)	0.30-0.65" (7.6-16.5mm)
20A locking	2.49" (63.2mm)	3.66" (93.0mm)	0.36-0.84" (9.1-21.3mm)
30A locking	2.69" (68.3mm)	3.66" (93.0mm)	0.43-1.15" (10.9-29.2mm)

Severe duty connectors



Family	A	B	Cord diameter
15A locking	1.62" (41.1mm)	4.00" (101.6mm)	0.30-0.65" (7.6-16.5mm)
20A locking	2.49" (63.2mm)	5.42" (137.7mm)	0.36-0.84" (9.1-21.3mm)
30A locking	2.69" (68.3mm)	5.42" (137.7mm)	0.43-1.15" (10.9-29.2mm)

Watertight receptacles



Family	A	B	C	D	Cord diameter
Single receptacle	3.10" (78.7mm)	1.88" (47.8mm)	3.25" (82.6mm)	4.60" (116.8mm)	0.30-0.65" (7.6-16.5mm)
Duplex receptacle	3.62" (91.9mm)	1.88" (47.8mm)	3.25" (82.6mm)	4.63" (117.6mm)	0.30-0.65" (7.6-16.5mm)

Compliances, specifications and availability are subject to change without notice.

Watertight straight blade devices specification & performance data

Complex environment watertight devices

Product description

2-pole, 3-wire grounding
15A, 125V/AC; 15A, 250V/AC; 20A, 125V/AC; 20A, 250V/AC
NEMA 5-15, 6-15, 5-20, 6-20

Device type	Watertight plugs & connectors, straight blade	Watertight receptacles, straight blade
Wiring type	Back wire	Back wire
Testing & code compliance	• Listed to UL498, file no. E3663 • cUL Certified to CSA C22.2, no. 182.2	• Listed to UL498, file no. E2369 • cUL Certified to CAN/CSA C22.2 no. 42-99
Environmental specifications	**Flammability:** Meets UL94 requirements; V2 rated **Temperature rating:** -40°C to 75°C (-40°F to 167°F) **Protection:** NEMA Type 4, 4X, 6, 6P & IP67 **High pressure water test:** 1000 psi spray (mated or with closure cap)	**Flammability:** Meets UL94 requirements; V2 rated **Temperature rating:** -40°C to 75°C (-40°F to 167°F) **Protection:** NEMA Type 3, 3R, 4, 4X, 12 & IP66 **High pressure water test:** 1000 psi spray (mated or closed)
Electrical specifications	**Dielectric voltage:** Withstands 1500V per UL498 **Current interrupting:** Yes, at full-rated current **Temperature rise:** Max. 30°C (86°F) after 250 cycles of overload	**Dielectric voltage:** Withstands 1554V per UL498 **Current interrupting:** Yes, at full-rated current **Temperature rise:** Max. 30°C (86°F) after 250 cycles of overload
Mechanical specifications	**Terminal accommodation:** #18 - #10 AWG **Voltage ratings:** Permanently marked on device	**Terminal accommodation:** #18 - #10 AWG **Voltage ratings:** Permanently marked on device
Materials	**Receptacle flip lid cover & base:** N/A **Receptacle cover spring:** N/A **Receptacle lid liner & mounting gasket:** N/A **Plug/connector outer shell:** Santoprene™ thermoplastic elastomeric over glass filled polypropylene **Interior body:** Nylon **Terminal retainer:** Clear lexan **Blades:** 0.069" thick brass, nickel plated **Line contacts:** 0.030"-.032" thick brass, nickel plated **Ground shunt:** N/A **Terminal clamps:** Steel, nickel plated **Terminal screws:** #10-32 brass, neutral screw nickel plated **Ground contact:** N/A **Ground screw:** #10-32 brass, zinc plated, green **Assembly/ mounting screws:** Stainless steel **Compression nut:** Nylon **Compression nut grommet:** Santoprene™ **Receptacle mounting plate:** N/A	**Receptacle flip lid cover & base:** Thermoplastic, glass-filled nylon **Receptacle cover spring:** Stainless steel, self-closing **Receptacle lid liner & mounting gasket:** Santoprene™ thermoplastic elastomeric **Plug/connector outer shell:** N/A **Interior body:** Thermoplastic, glass-filled nylon **Terminal retainer:** Clear lexan **Blades:** N/A **Line contacts:** 0.033" thick bronze, nickel plated; two-leaf construction **Ground shunt:** Solid brass **Terminal clamps:** Steel, nickel plated **Terminal screws:** #8-32 brass, neutral screw nickel plated **Ground contact:** 0.069" thick brass, nickel plated **Ground screw:** #8-32 brass, green **Assembly/ mounting screws:** Stainless steel **Compression nut:** N/A **Compression nut grommet:** N/A **Receptacle mounting plate:** Stainless steel

Compliances, specifications and availability are subject to change without notice.

All products on this page are RoHS compliant - Page Q-32

Severe duty & corrosion resistant straight blade devices specification & performance data

Complex environment severe duty & corrosion resistant devices

Product description

2-pole, 3-wire grounding
15A, 125V/AC; 15A, 250V/AC; 20A, 125V/AC; 20A, 250V/AC
NEMA 5-15, 6-15, 5-20, 6-20

Device type	Severe duty plugs & connectors, straight blade	Corrosion resistant plugs & connectors, straight blade	Quick grip corrosion resistant plugs & connectors, straight blade
Wiring type	Back wire	Back wire	Back wire
Testing & code compliance	• Listed to UL498, file no. E3663 • cUL Certified to C22.2, no. 182.2-M1987	• Listed to UL498, file no. E3663 • UL verified to Fed Spec WC-596F • cUL Certified to C22.2, no. 42	• cULus Listed to UL498 file E15012 • UL verified to Fed Spec WC-596G
Environmental specifications	**Flammability:** Meets UL94 requirements; V2 rated **Temperature rating:** -40°C to 75°C (-40°F to 167°F)	**Flammability:** Meets UL94 requirements; V2 rated **Temperature rating:**-20°C to 75°C (-4°F to 167°F)	**Flammability:** Meets UL94 requirements; V2 rated **Temperature rating:**-40°C to 75°C (-40°F to 167°F)
Electrical specifications	**Dielectric voltage:** Withstands 2200V per UL498 **Current interrupting:** Yes, at full-rated current **Temperature rise:** Max. 30°C (86°F) after 250 cycles of overload	**Dielectric voltage:** Withstands 1500V per UL498 **Current interrupting:** Yes, at full-rated current **Temperature rise:** Max. 30°C (86°F) after 100 cycles of overload	**Dielectric voltage:** Withstands 1500V per UL498 **Current interrupting:** Yes, at full-rated current **Temperature rise:** Max. 30°C (86°F) after 100 cycles of overload @ 150% of rated current (DC)
Mechanical specifications	**Terminal accommodation:** #14 - #8 AWG **Voltage ratings:** Permanently marked on device	**Terminal accommodation:** #16 - #12 AWG **Voltage ratings:** Permanently marked on device	**Terminal accommodation:** #18 - #12 AWG **Voltage ratings:** Permanently marked on device
Materials	**Plug/connector outer shell:** Nylon **Interior body:** Nylon **Terminal retainer:** Clear lexan **Blades:** 0.069" thick brass, nickel plated **Line contacts:** 0.030"-0.032" Brass, nickel plated **Terminal clamps:** Steel, nickel plated **Terminal screws:** #10-32 brass, neutral screw nickel plated **Ground screw:** #10-32 brass, zinc plated, green **Assembly/ mounting screws:** Stainless steel **Cord clamp:** Nylon **Gasket/dust shield:** Santoprene™ thermoplastic elastomeric	**Plug/connector outer shell:** Nylon **Interior body:** Nylon **Terminal retainer:** Polypropylene / nylon **Blades:** 0.062" brass, nickel plated **Line contacts:** 0.031" Olin brass, nickel plated **Terminal clamps:** Brass **Terminal screws:** #8-32 brass, neutral screw nickel plated **Ground screw:** #8-32 brass, zinc plated, green **Assembly/ mounting screws:** Steel, nickel plated **Cord clamp:** Polypropylene / nylon **Gasket/dust shield:** EPDM elastomer	**Plug/connector outer shell:** Nylon **Interior body:** N/A **Terminal retainer:** Clear polycarbonate **Blades:** 0.060" thick nickel plated brass **Line contacts:** 0.030" thick nickel plated brass **Terminal clamps:** Steel, nickel plated **Terminal screws:** Stainless steel, brass plated (hot);Stainless steel, nickel plated (neutral) **Ground screw:** Stainless steel, green **Assembly/ mounting screws:** Stainless steel **Cord clamp:** Nylon **Gasket/dust shield:** N/A

Watertight locking devices specification & performance data

Complex environment watertight locking devices

Product description

2-pole, 3-wire grounding; 3-pole, 3-wire non-grounding; 3-pole, 4-wire grounding; 4-pole, 4-wire non-grounding; 4-pole, 5-wire grounding

Device type	Watertight plugs & connectors, locking configurations: L5-15, L6-15, L7-15, L7-20, L8-20, L7-30, L8-30, L10-20, L10-30, L16-20, L16-30, L17-30, L19-20, L20-20, L19-30, L20-30, L23-20, L22-30, L23-30, Non-NEMA 20A 125/250V, Non-NEMA 30A	Watertight plugs & connectors, locking configurations: L5-20, L6-20, L5-30, L6-30, L11-20, L11-30, L14-20, L15-20, L14-30, L15-30, L18-20, L18-30, L21-20, L22-20, L21-30, Non-NEMA 20A 3Ø 120/208V
Wiring type	Back wire	Back wire
Testing & code compliance	• cULus Listed to UL498, file no. E3663	• cULus Listed to UL498, file no. E3663 • NOM certified
Environmental specifications	**Flammability:** Meets UL94 requirements; V2 rated **Temperature rating:** -40°C to 75°C (-40°F to 167°F) **Protection:** NEMA Type 4, 4X, 6, 6P & IP67 **High pressure water test:** 1000 psi spray (mated or with closure cap)	**Flammability:** Meets UL94 requirements; V2 rated **Temperature rating:** -40°C to 75°C (-40°F to 167°F) **Protection:** NEMA Type 4, 4X, 6, 6P & IP67 **High pressure water test:** 1000 psi spray (mated or with closure cap)
Electrical specifications	**Dielectric voltage:** Withstands 1500V per UL498 **Current interrupting:** Yes, at full-rated current **Temperature rise:** Max. 30°C (86°F) after 250 cycles of overload	**Dielectric voltage:** Withstands 1500V per UL498 **Current interrupting:** Yes, at full-rated current **Temperature rise:** Max. 30°C (86°F) after 250 cycles of overload
Mechanical specifications	**Terminal accommodation:** #18 - #10 AWG **Voltage ratings:** Permanently marked on device	**Terminal accommodation:** #18 - #10 AWG **Voltage ratings:** Permanently marked on device
Materials	**Plug/connector outer shell:** Santoprene™ thermoplastic elastomeric over glass filled polypropylene **Interior body:** Nylon **Terminal retainer:** Clear lexan **Blades:** .069" thick brass, nickel plated **Line contacts:** .030"-.032" thick brass, nickel plated **Terminal clamps:** Steel, nickel plated **Terminal screws:** #10-32 brass, neutral screw nickel plated **Ground screw:** #10-32 brass, zinc plated, green **Assembly/ mounting screws:** Stainless steel **Compression nut:** Glass-filled nylon **Compression nut grommet:** Santoprene™	**Plug/connector outer shell:** Santoprene™ thermoplastic elastomeric over glass filled polypropylene **Interior body:** Nylon **Terminal retainer:** Clear lexan **Blades:** .069" thick brass, nickel plated **Line contacts:** .030"-.032" thick brass, nickel plated **Terminal clamps:** Steel, nickel plated **Terminal screws:** #10-32 brass, neutral screw nickel plated **Ground screw:** #10-32 brass, zinc plated, green **Assembly/ mounting screws:** Stainless steel **Compression nut:** Glass-filled nylon **Compression nut grommet:** Santoprene™

Compliances, specifications and availability are subject to change without notice.

All products on this page are RoHS compliant - Page Q-32

Complex environment watertight locking devices

Product description

2-pole, 3-wire grounding; 3-pole, 3-wire non-grounding; 3-pole, 4-wire grounding; 4-pole, 4-wire non-grounding; 4-pole, 5-wire grounding

Device type	Watertight receptacles, 15A locking configurations: L5-15, L6-15, L7-15	Watertight receptacles, 20A & 30A locking configurations: L7-20, L8-20, L7-30, L8-30, L10-20, L16-20, L16-30, L17-30, L19-20, L20-20, L19-30, L20-30, L23-20, L22-30, L23-30, Non-NEMA 20A, Non-NEMA 30A	Watertight receptacles, 20A & 30A locking configurations:L5-20, L6-20, L5-30, L6-30, L11-20, L10-30, L11-30, L15-20, L14-30, L15-30, L18-20, L18-30, L21-20, L22-20. L21-30
Wiring type	Back wire	Back wire	Back wire
Testing & code compliance	• cULus Listed to UL498, file no. E2369	• cULus Listed to UL498, file no. E2369	• cULus Listed to UL498, file no. E2369 • NOM certified
Environmental specifications	**Flammability:** Meets UL94 requirements; V2 rated **Temperature rating:** -40°C to 75°C (-40°F to 167°F) **Protection:** NEMA Type 3, 3R, 4, 4X, 12 & IP66 **High pressure water test:** 1000 psi spray (mated or closed)	**Flammability:** Meets UL94 requirements; V2 rated **Temperature rating:** -40°C to 75°C (-40°F to 167°F) **Protection:** NEMA Type 3, 3R, 4, 4X, 12 & IP66 **High pressure water test:** 1000 psi spray (mated or closed)	**Flammability:** Meets UL94 requirements; V2 rated **Temperature rating:** -40°C to 75°C (-40°F to 167°F) **Protection:** NEMA Type 3, 3R, 4, 4X, 12 & IP66 **High pressure water test:** 1000 psi spray (mated or closed)
Electrical specifications	**Dielectric voltage:** Withstands 1554V per UL498 **Current interrupting:** Yes, at full-rated current **Temperature rise:** Max. 30°C (86°F) after 250 cycles of overload	**Dielectric voltage:** Withstands 1696 - 2200V per UL498 **Current interrupting:** Yes, at full-rated current **Temperature rise:** Max. 30°C (86°F) after 250 cycles of overload	**Dielectric voltage:** Withstands 1696 - 2200V per UL498 **Current interrupting:** Yes, at full-rated current **Temperature rise:** Max. 30°C (86°F) after 250 cycles of overload
Mechanical specifications	**Terminal accommodation:** #18 - #10 AWG **Voltage ratings:** Permanently marked on device	**Terminal accommodation:** #14 - #8 AWG **Voltage ratings:** Permanently marked on device	**Terminal accommodation:** #14 - #8 AWG **Voltage ratings:** Permanently marked on device
Materials	**Receptacle flip lid cover & base:** Thermoplastic, glass-filled nylon **Receptacle cover spring:** Stainless steel, self-closing **Receptacle lid liner & mounting gasket:** Santoprene™ thermoplastic elastomeric **Interior body:** Thermoplastic, glass-filled nylon **Terminal retainer:** Clear lexan **Line contacts:** .033" thick bronze, nickel plated; two-leaf construction **Ground shunt:** Solid brass **Terminal clamps:** Steel, nickel plated **Terminal screws:** #8-32 brass, neutral screw nickel plated **Ground contact:** .069" thick brass, nickel plated **Ground screw:** #8-32 brass, green **Assembly/ mounting screws:** Stainless steel **Receptacle mounting plate:** Stainless steel	**Receptacle flip lid cover & base:** Thermoplastic, glass-filled nylon **Receptacle cover spring:** Stainless steel, self-closing **Receptacle lid liner & mounting gasket:** Santoprene™ thermoplastic elastomeric **Interior body:** Thermoplastic: glass-filled nylon **Terminal retainer:** Clear lexan **Line contacts:** .069" thick brass, nickel plated **Ground shunt:** Solid brass **Terminal clamps:** Steel, nickel plated **Terminal screws:** #10-32 brass, neutral screw nickel plated **Ground contact:** .069" thick brass, nickel plated **Ground screw:** #10-32 brass, green **Assembly/ mounting screws:** Stainless steel **Receptacle mounting plate:** Stainless steel	**Receptacle flip lid cover & base:** Thermoplastic, glass-filled nylon **Receptacle cover spring:** Stainless steel, self-closing **Receptacle lid liner & mounting gasket:** Santoprene™ thermoplastic elastomeric **Interior body:** Thermoplastic: glass-filled nylon **Terminal retainer:** Clear lexan **Line contacts:** .069" thick brass, nickel plated **Ground shunt:** Solid brass **Terminal clamps:** Steel, nickel plated **Terminal screws:** #10-32 brass, neutral screw nickel plated **Ground contact:** .069" thick brass, nickel plated **Ground screw:** #10-32 brass, green **Assembly/ mounting screws:** Stainless steel **Receptacle mounting plate:** Stainless steel

Severe duty locking devices specification & performance data

Complex environment severe duty locking devices

Product description

2-pole, 3-wire grounding;
3-pole, 3-wire non-grounding; 3-pole, 4-wire grounding;
4-pole, 4-wire non-grounding; 4-pole, 5-wire grounding

20A, 30A

Device type	Severe duty plugs & connectors, locking configurations: L5-15, L6-15, L7-15, L7-20, L8-20, L7-30, L8-30, L10-20, L10-30, L16-20, L16-30, L17-30, L19-20, L20-20, L19-30, L20-30, L23-20, L22-30, L23-30, Non-NEMA 20A 125/250V, Non-NEMA 30A	Severe duty plugs & connectors, locking configurations: L5-20, L6-20, L5-30, L6-30, L11-20, L11-30, L14-20, L15-20, L14-30, L15-30, L18-20, L18-30, L21-20, L22-20, L21-30, Non-NEMA 20A 3Ø 120/208V
Wiring type	Back wire	Back wire
Testing & code compliance	• cULus Listed to UL498, file no. E3663	• cULus Listed to UL498, file no. E3663 • NOM certified
Environmental specifications	**Flammability:** Meets UL94 requirements; V2 rated **Temperature rating:** -40°C to 75°C (-40°F to 167°F)	**Flammability:** Meets UL94 requirements; V2 rated **Temperature rating:** -40°C to 75°C (-40°F to 167°F)
Electrical specifications	**Dielectric voltage:** Withstands 2200V per UL498 **Current interrupting:** Yes, at full-rated current **Temperature rise:** Max. 30°C (86°F) after 250 cycles of overload	**Dielectric voltage:** Withstands 2200V per UL498 **Current interrupting:** Yes, at full-rated current **Temperature rise:** Max. 30°C (86°F) after 250 cycles of overload
Mechanical specifications	**Terminal accommodation:** #18 - #10 AWG **Voltage ratings:** Permanently marked on device	**Terminal accommodation:** #18 - #10 AWG **Voltage ratings:** Permanently marked on device
Materials	**Outer shell:** Santoprene™ thermoplastic elastomeric over glass filled polypropylene **Interior body:** Nylon **Terminal retainers:** Clear lexan **Blades:** .069" thick brass, nickel plated **Line contacts:** .030"-.032" brass, nickel plated **Terminal clamps:** Steel, nickel plated **Terminal screws:** #10-32 brass, neutral screw nickel plated **Ground screw:** #8-32 brass, green **Cord clamp:** Nylon **Assembly screws:** #6-20 Stainless steel **Gasket/dust shield:** Santoprene™ thermoplastic elastomeric	**Outer shell:** Santoprene™ thermoplastic elastomeric over glass filled polypropylene **Interior body:** Nylon **Terminal retainers:** Clear lexan **Blades:** .069" thick brass, nickel plated **Line contacts:** .030"-.032" brass, nickel plated **Terminal clamps:** Steel, nickel plated **Terminal screws:** #10-32 brass, neutral screw nickel plated **Ground screw:** #8-32 brass, green **Cord clamp:** Nylon **Assembly screws:** #6-20 Stainless steel **Gasket/dust shield:** Santoprene™ thermoplastic elastomeric

Compliances, specifications and availability are subject to change without notice.

All products on this page are RoHS compliant - Page Q-32

Complex environment corrosion resistant locking devices

Product description

2-pole, 3-wire grounding
3-pole, 4-wire grounding
15A, 20A, 30A

Device type	Corrosion resistant plugs & connectors, locking configurations	Corrosion resistant receptacles, locking configurations
Wiring type	Back wire	Back & side wire
Testing & code compliance	• cULus Listed to UL498, file no. E3663 • NEMA L5-15 also UL verified to Fed Spec WC-596F • NEMA L5-20, L6-20, L5-30, L14-20, L15-20, L14-30, L15-30 also NOM certified	• cULus Listed to UL498, file no. E3663, except NEMA L5-15, L5-20, L15-20 UL Listed only • NEMA L5-20, L5-30, L15-20 also UL verified to Fed Spec WC-596G • NEMA L5-15, L5-20 also CSA certified to C22.2, no. 42 • NEMA L5-20, L6-20, L5-30, L6-30, L14-20, L15-20, L14-30 also NOM certified
Environmental specifications	**Flammability:** Meets UL94 requirements; V2 rated **Temperature rating:** -40°C to 75°C (-40°F to 167°F)	**Flammability:** Meets UL94 requirements; V2 rated **Temperature rating:** -20°C to 70°C (-4°F to 158°F)
Electrical specifications	**Dielectric voltage:** Withstands 1500V per UL498 **Current interrupting:** Yes, at full-rated current **Temperature rise:** Max. 30°C (86°F) after 100 cycles of overload	**Dielectric voltage:** Withstands 2000V per UL498 **Current interrupting:** Yes, at full-rated current **Temperature rise:** 30°C (86°F) after 100 cycles of overload
Mechanical specifications	**Terminal accommodation:** #14 - #8 AWG, except L5-15: #16 - #12 AWG **Voltage ratings:** Permanently marked on device	**Terminal accommodation:** #14 - #10 AWG **Voltage ratings:** Permanently marked on device
Materials	**Receptacle face:** N/A **Receptacle base:** N/A **Plug/connector body:** Nylon **Terminal retainer:** Clear lexan, except L5-15: polypropylene/nylon **Blades:** .069" brass, nickel plated, except L5-15: .062" **Strap:** N/A **Auto ground clip:** N/A **Line contacts/terminals:** .030- .032" bronze, nickel plated, except L5-15: .031" olin brass, nickel plated **Terminal clamps:** Steel, nickel plated **Terminal screws:** #10-32 brass, neutral screw nickel plated, except L5-15: #8-32 and hot is nickel plated **Ground screw:** #10-32 brass, zinc plated, green, except L5-15: #8-32 **Cord clamp:** Nylon, except L5-15: polypropylene **Assembly screws:** Stainless steel, except L5-15: nickel plated steel **Gasket/dust shield:** Neoprene elastomer, except L5-15: EPDM elastomer	**Receptacle face:** Thermoplastic, glass-filled nylon, except duplex: nylon **Receptacle base:** Thermoplastic, glass-filled nylon **Plug/connector body:** N/A **Terminal retainer:** N/A **Blades:** N/A **Strap:** 0.050" thick brass, except duplex: steel; nickel plated **Auto ground clip:** Brass **Line contacts/terminals:** .040" thick brass, nickel plated, except duplex: 0.036" thick bronze, nickel plated **Terminal clamps:** Steel, nickel plated **Terminal screws:** #10-32 brass, neutral screw nickel plated, except duplex: #8-32 **Ground screw:** #10-32 brass, zinc plated, green except duplex: #8-32 **Cord clamp:** N/A **Assembly screws:** N/A **Gasket/dust shield:** N/A

SECTION

COOPER Wireless Devices
ARROW/HART
X-Switch™
Enclosed Manual Motor Controller
Suitable as Motor Disconnect
Contrôleur Manuelle de Moteur sous Coffret
Utilisable Comme Sectionneur de Moteur
Controlador Manual de Motor Encerrado
Apropiado como Desconectador de Motor
TYPE 4X
30A 600V/AC/c.a./CA MAX.
NSF
c UL us
LISTED
MANUAL MOTOR
CONTROLLER
ON
OFF
Made in Mexico/Fabriqué au Mexique/
Hecho en Mexico
CAUTION: Risk of electric shock. More than one supply disconnect may be required to de-energize this equipment before servicing. Disconnect all power supplies to enclosure before exposing interior.
ATTENTION : Risque de décharge électrique. Plusieurs interrupteurs d'alimentation peuvent être requis pour désactiver cet équipement avant l'intervention. Déconnectez toutes les alimentations sur le boîtier avant d'en exposer l'intérieur.
PRECAUCION: Riesgo de descarga eléctrica. Podría requerirse más de un (1) desconectador de fuente para desenergizar este equipo antes de suministrarsele servicio de mantenimiento. Antes de exponer el interior, desconecte todas las fuentes de energía hacia la caja.

Switches & Motor Controls

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Switch families

Engineered for years of safe, dependable service

Arrow Hart's complete offering of switches are designed with a host of features that save time and labor, and are thoroughly tested to ensure reliable electrical and mechanical performance

Industrial grade switches

Top-of-the-line design, quality and materials provide superior performance in heavy-duty applications. Available in toggle, lighted, pilot light, Corbin and locking versions.

X-switch NSF certified motor control switches

Specifically designed for use in harsh industrial environments, the x-switch withstands repeated exposure to hosedown, corrosive elements and a variety of contaminants.

Commercial grade switches

A wide range of toggle and decorator switch solutions designed to provide reliability and performance in commercial environments.

Motor control switch enclosures

Available to suit a wide variety of indoor, outdoor and hazardous environments, our enclosures are designed to protect switches from contaminants, provide OSHA compliance, and safely contain wiring.

Motor control switches

Built tough to provide dependable manual motor control for applications up to 60A, our switches are also available in combination with a variety of enclosures for indoor and outdoor applications.

Disconnect switches

Available in both fused and non-fused designs, these devices combine HP-rated switches in compact, durable, watertight enclosures that are NEMA Type 3R, 4X or 12 rated and fulfill NEC Article 430 requirements.

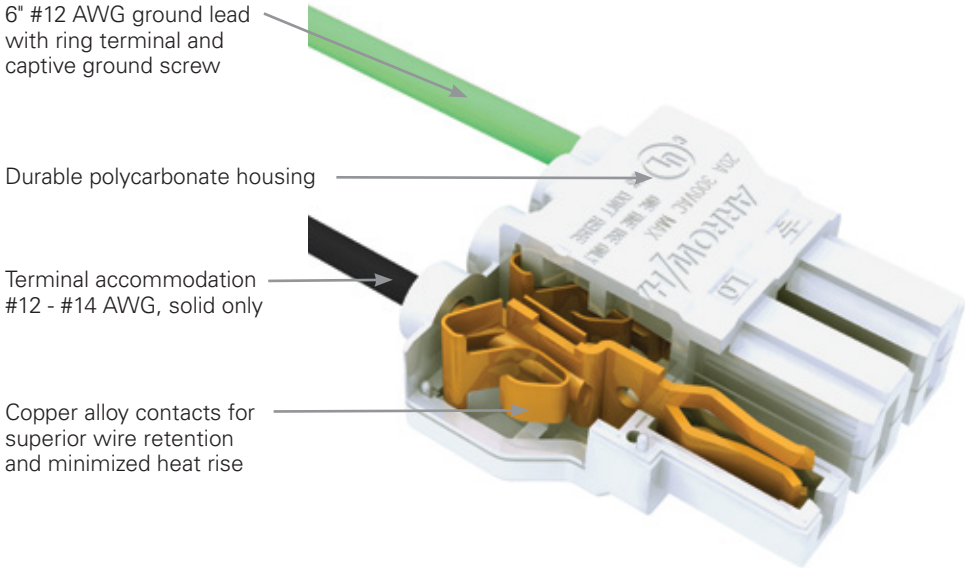
Compliances, specifications and availability are subject to change without notice.

ArrowLink modular connectors

ArrowLink

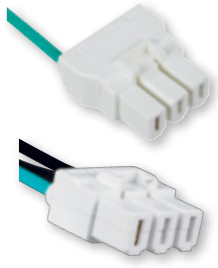
Arrow Hart's factory terminated ArrowLink system revolutionizes device installation, unleashing ground breaking labor savings in installation and maintenance by eliminating leaded terminal connections and taping. Use ArrowLink on your next job to reduce labor costs, eliminate installation errors, save money and win!

Features & benefits



How to order

1. Select a device to ArrowLink enable. Catalog pages identify available products-simply add an "M" to the catalog number and the devices will be factory enabled with the ArrowLink device-side connection



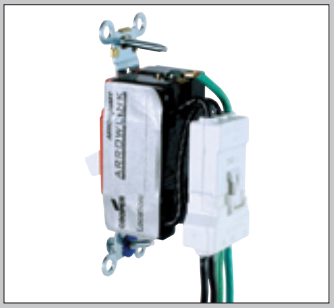
2. Choose from leaded or ArrowLink SPD connector versions

3. Place your order and get your ArrowLink devices in bulk packed boxes, shipped within 5 days of receipt of order!

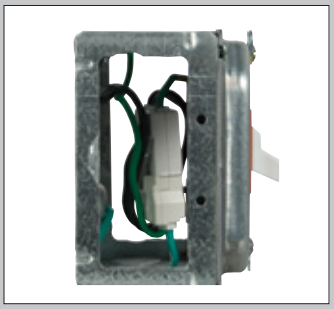
Compliances, specifications and availability are subject to change without notice.

ArrowLink SPD benefits

50% Time savings:
SPD accelerates both rough-in & trim out installation



Efficient design:
Low profile connection with feed-through capability

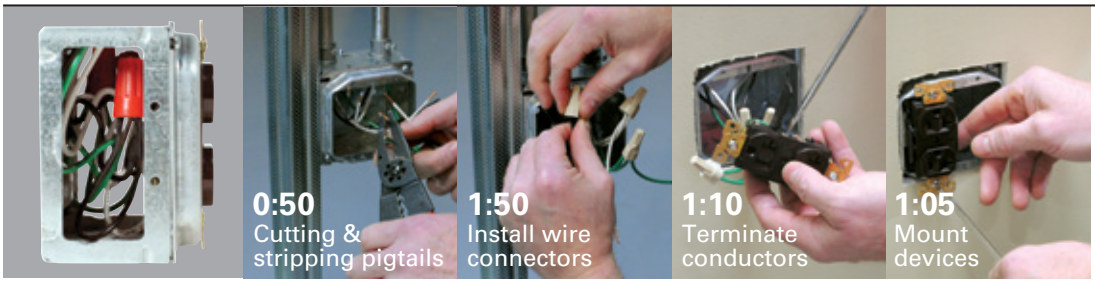


30% Reduction
In wire volume inside the box versus wire lead terminal

ArrowLink modular connectors

ArrowLink SPD comparative labor savings analysis

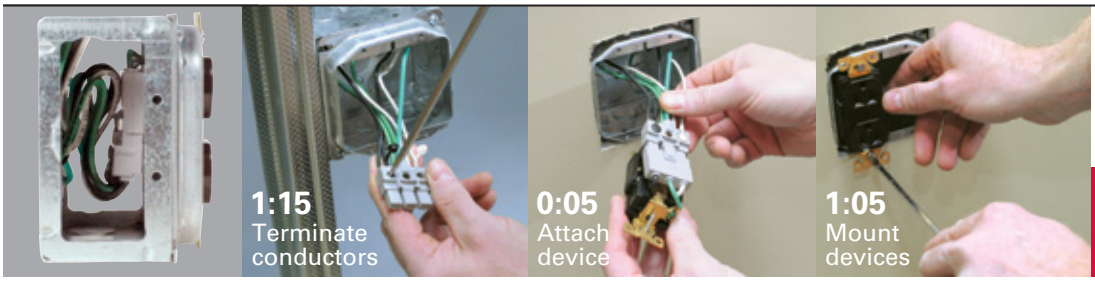
Traditional pigtail installation



4:55/Receptacle

Total time required to install 500 pigtail devices:
40.97 Hours

ArrowLink SPD installation



2:25/Receptacle

Total time required to install 500 ArrowLink SPD devices:
20.13 Hours

Time saved with SPD
20.84 Hours

Leaded ArrowLink connectors

Device type	Description	Catalog no.
Switch	Solid wire leads – 120V	☐ MCS120SOL
	Stranded wire leads – 120V	☐ MCS120STR
	Solid wire leads – 277V	☐ MCS277SOL
	Stranded wire leads – 277V	☐ MCS277STR

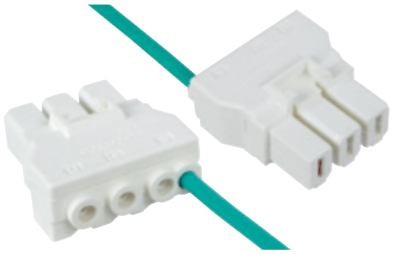
ArrowLink SPD connectors

Device type	Description	Catalog no.
Switch	Push-In	☐ MCS300PI

ArrowLink accessories

Device type	Description	Catalog no.
Terminating cap	Circuit completer for job site testing	☐ MCS300TC
Circuit tester	Tests receptacle & ArrowLink connectors	☐ ALTESTER

MCS120SOL
Leaded ArrowLink connector



MCS300PI
ArrowLink SPD push-in terminal connector

ALTESTER
circuit tester

Compliances, specifications and availability are subject to change without notice.

Switch options

Work smarter not harder

Arrow Hart custom configured wiring devices can match any of your complex industrial or commercial job needs, simplifying your project and maximizing your bottom line

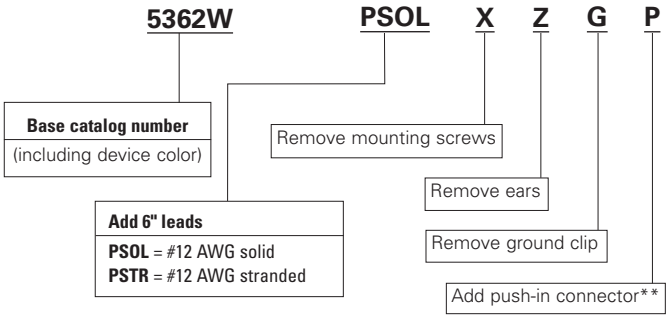
Build-to-spec

For switch devices

Modified at the factory to improve efficiency and speed production at the job site. Arrow Hart's build-to-spec program provides customized device solutions to simplify your project and maximize your bottom line.

Build-to-spec sample number:
5362W

Arrow Hart 20A 120/277V white single-pole switch, with wire leads and push-in connectors, without mounting screws, ears, split-circuit tab or grounding clip.



**For use with leaded devices only. Add "PSOL" to back of device catalog number for 6" of #12 AWG solid or "PSTR" for 6" of #12 AWG stranded. (Example: AH1221WPSTR + Build-to-spec options).

All devices are bulk packed 50 pieces per carton. Minimum order quantity is 100 pieces. Orders under 500 pieces ship within 5 days with larger quantities typically within 10 days.

Build-to-spec options available for the following switches

Commercial grade decorator
7600 series

Industrial grade
AH series

Construction grade
1200 series

Commercial grade
CS series*

* CS series switches not available with leads or push-in connectors

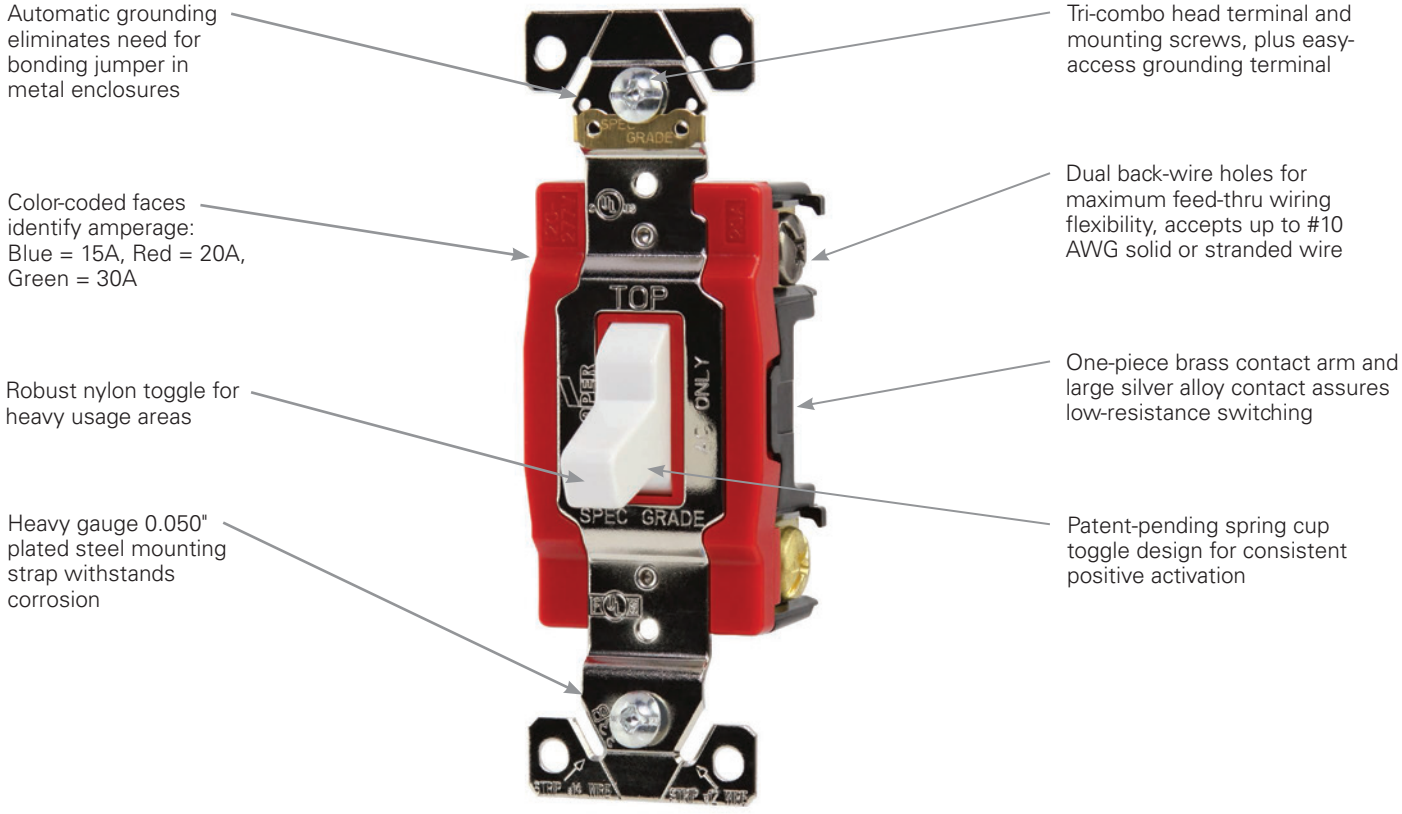
Compliances, specifications and availability are subject to change without notice.

Industrial grade switches

Incorporating the most durable design elements in the industry

Arrow Hart's broad line of industrial grade switches feature superior engineering, reliable performance and ease of installation

Industrial AC switch AH1200, AH1220, 3030 series features & benefits

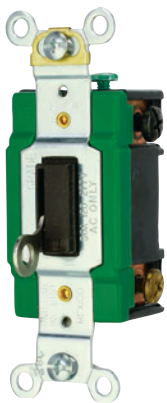


A complete offering of heavy-duty switches available for any industrial application:

ArrowLink

Lighted & pilot lighted

Maintained momentary contact



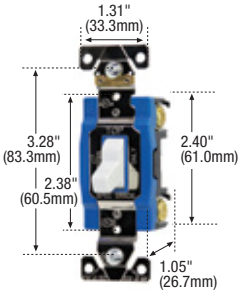
Corbin locking & locking

Compliances, specifications and availability are subject to change without notice.

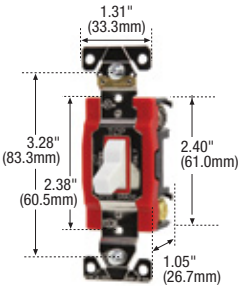
Industrial grade AC toggle switches

Product description

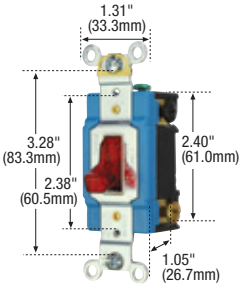
Single-pole, double-pole, 3-way, 4-way
15A, 120/277V/AC; 15A, 347V/AC
20A, 120/277V/AC; 20A, 347V/AC; 30A, 120/277V/AC



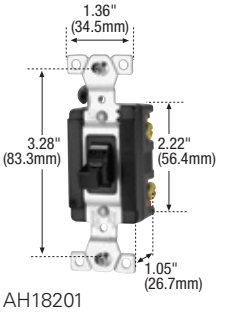
AH1201



AH1223



AH1201PL



AH18201

Premium industrial grade AC toggle switches, back & side wire

Rating A	Rating V/AC	Description	Color suffix	Catalog no.				
15	120/277	Single-pole, toggle	B, GY, RD, V, W	☐ AH1201__	•	•	•	•
		Double-pole toggle	B, GY, V, W	☐ AH1202__		•	•	•
		3-Way, toggle	B, GY, RD, V, W	☐ AH1203__		•	•	•
		4-Way, toggle	B, GY, V, W	☐ AH1204__		•	•	•
20	120/277	Single-pole, toggle	B, BK, GY, LA, RD, V, W	☐ AH1221__	•	•	•	•
		Double-pole toggle	B, GY, RD, V, W	☐ AH1222__		•	•	•
		3-Way, toggle	B, BK, GY, LA, RD, V, W	☐ AH1223__		•	•	•
		4-Way, toggle	B, BK, GY, LA, RD, V, W	☐ AH1224__		•	•	•
30	120/277	Single-pole, toggle	B, RD, V, W	☐ 3031__*		•	•	•
		Double-pole toggle	B, RD, V, W	☐ 3032__*		•	•	•

* Not NOM cert

Industrial grade AC lighted toggle switches, back & side wire

Rating A	Rating V/AC	Description	Color suffix	Catalog no.				
15	120/277	Single-pole, lighted toggle	V, W	☐ AH1201LT__	•	•	•	•
		3-Way, lighted toggle	V, W	☐ AH1203LT__		•	•	•
		Single-pole, pilot lighted red toggle	RD	☐ AH1201PL		•	•	•
		Double-pole, pilot lighted red toggle	RD	☐ AH1202PL		•	•	•
20	120/277	Single-pole, lighted toggle	V, W	☐ AH1221LT__	•	•	•	•
		3-Way, lighted toggle	V, W	☐ AH1223LT__		•	•	•
		Single-pole, pilot lighted red toggle	RD	☐ AH1221PL		•	•	•
		Double-pole, pilot lighted red toggle	RD	☐ AH1222PL		•	•	•
30	120/277	Double-pole, pilot lighted red toggle	RD	☐ 3032PL*		•	•	•

* Not NOM cert

Industrial grade AC toggle switches, back & side wire

Rating A	Rating V/AC	Description	Color suffix	Catalog no.				
15	347	Single-pole, Canadian voltage toggle	B, I, W	☐ AH18201__«			•	•
		Double-pole, Canadian voltage toggle	B, I	☐ AH18202__«			•	•
		3-Way, Canadian voltage toggle	B, I, W	☐ AH18203__«			•	•
20	347	Single-pole, Canadian voltage toggle	B, I, W	☐ AH18221__«			•	•
		Double-pole, Canadian voltage toggle	B, I	☐ AH18222__«			•	•
		3-Way, Canadian voltage toggle	B, I, W	☐ AH18223__«			•	•

« No Color suffix = Brown, I = Ivory

Color ordering information:

For ordering devices, include Catalog no. Followed by the Color suffix: B (Brown), BK (Black), GY (Gray), LA (Light Almond), RD (Red), V or I (Ivory), W (White)

B	BK	GY	LA	RD	V or I	W
(Brown)	(Black)	(Gray)	(Lt. Almond)	(Red)	(Ivory)	(White)

Specification information: 120/277V Industrial: E-36, 120/277V industrial ArrowLink modular: E-43
Compliances, specifications and availability are subject to change without notice.

ArrowLink option available. Add "M" suffix to Standard catalog number (example AH1201B, AH1201BM). For ordering information on ArrowLink & ArrowLink SPD connectors, see Page E-4

Build-to-spec customizable devices - Page E-6

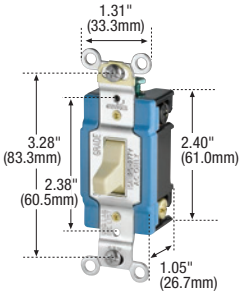
Indicates NAFTA compliant - Page Q-32

RoHS compliant - Page Q-32

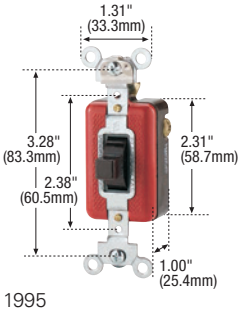
Industrial grade AC three-position switches

Product description

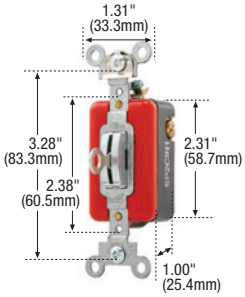
15A, 120/277V/AC; 20A, 120/277V/AC
Maintained & momentary contact
Single-pole, double-pole



1205



1995



1995L

AC maintained contact toggle switches, back & side wire

Rating A	Rating V/AC	Description	Color suffix	Catalog no.		
20	120/277	Single-pole, maintained contact toggle, center off	V	☐ 2225V	•	•
		Double-pole, maintained contact toggle, center off	B, V	☐ 2226__	•	•

AC momentary contact switches, side wire

Rating A	Rating V/AC	Description	Color suffix	Catalog no.			
15	120/277	Single-pole, momentary contact toggle, center off	B, GY, V	☐ 1895__	•	•	•
		Single-pole, momentary contact locking, center off, nickel locking dome		☐ 1895L	•	•	•
20	120/277	Single-pole, momentary contact toggle, center off	B, GY, RD, V	☐ 1995__	•	•	•
		Single-pole, momentary contact toggle, center off	W	☐ AH1995W	•	•	•
		Single-pole, momentary contact locking, center off, nickel locking dome		☐ 1995L	•	•	•

Accessories for industrial grade maintained & momentary switches

Description	Catalog no.		
Replacement key for locking switches, 1895L & 1995L	☐ AH2000		•
1-Gang, standard size, toggle, 302/304 Stainless steel wallplate	☐ 93071	•	•
1-Gang, standard size, toggle, unbreakable nylon wallplate	☐ 5134V	•	•

AH2000

93071

5134V

Color ordering information:

For ordering devices, include Catalog no. followed by the Color suffix: B (Brown), GY (Gray), RD (Red), V (Ivory), W (White)

B	GY	RD	V	W
(Brown)	(Gray)	(Red)	(Ivory)	(White)

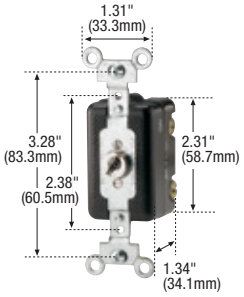
Specification information: 120/277V Industrial maintained & momentary contact: E-34
Compliances, specifications and availability are subject to change without notice.

Indicates NAFTA compliant - Page Q-32
RoHS compliant - Page Q-32
Build-to-spec customizable devices - Page E-6

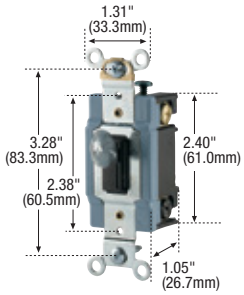
Industrial grade AC locking switches

Product description

Single-pole, double-pole, 3-way, 4-way
15A, 120/277V/AC; 20A, 120/277V/AC;
30A, 120/277V/AC



AH1191N



AH1202L

Industrial grade AC Corbin type locking switches, back & side wire

Rating A	Rating V/AC	Description	Catalog no.		
20	120/277	Single-pole, Corbin locking switch	☐ AH1191N	•	•
		Single-pole, Corbin locking switch, key removable in "OFF" position only	☐ AH1191NOF	•	•
		Double-pole, Corbin locking switch	☐ AH1192N	•	•
		3-Way, Corbin locking switch	☐ AH1193N	•	•

AC locking switches, back & side wire

Rating A	Rating V/AC	Description	Catalog no.			
15	120/277	Single-pole, locking switch	☐ AH1201L	•	•	•
		Double-pole, locking switch	☐ AH1202L	•	•	•
		3-Way, locking switch	☐ AH1203L	•	•	•
		4-Way, locking switch	☐ AH1204L	•		•
20	120/277	Single-pole, locking switch	☐ AH1221L	•	•	•
		Double-pole, locking switch	☐ AH1222L	•	•	•
		3-Way, locking switch	☐ AH1223L	•	•	•
		4-Way, locking switch	☐ AH1224L	•	•	•
30	120/277	Single-pole, locking switch	☐ 3031L*	•		•
		Double-pole, locking switch	☐ 3032L*	•		•

* Not Nom cert

Accessories for industrial grade switches

Description	Catalog no.		
Replacement key for Corbin locking switches	☐ AH14		•
Stainless steel wallplate for Corbin locking switches with "ON-OFF" indicator engraving	☐ AH1187	•	•
Stainless steel wallplate for Corbin locking switches	☐ AH1188	•	•

AH2000

AH14

AH1187

AH1188

Specification information: 120/277V industrial locking: E-38
Compliances, specifications and availability are subject to change without notice.

Build-to-spec customizable devices - Page E-6
Indicates NAFTA compliant - Page Q-32
RoHS compliant - Page Q-32

Construction grade switches

Robust construction for commercial applications

Arrow Hart construction grade switches are designed to provide dependable and long lasting performance in a wide range of applications.

Construction grade switch features & benefits

Automatic grounding eliminates need for bonding jumper in metal enclosures

Color-coded top housing helps identify amperage: Blue = 15A; Red = 20A

Rugged thermoplastic top and bottom housing provides durability and strength

Heavy gauge 0.050" plated steel mounting strap withstands abuse and corrosion

Tri-combo terminal and mounting screws for flexibility in installation

Dual back-wire holes for maximum feed-through wiring flexibility

One-piece brass contact arm assures proper contact for low-resistance switching

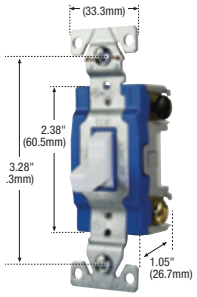
Back and side wire terminals accept up to #10 solid or stranded wire

Compliances, specifications and availability are subject to change without notice.

Construction grade switches

Product description

Single-pole, double-pole
3-way, 4-way
15A, 120/277V/AC
20A, 120/277V/AC



1201

Construction grade switch back and side wire

Rating A	V/AC	Description	Color suffix	Catalog no.	
15	120/277	Single-pole toggle switch	B, GY, LA, V, W	☐1201__	•
15	120/277	3-Way toggle switch	B, GY, LA, V, W	☐1203__	•
20	120/277	Single-pole toggle switch	B, BK, GY, LA, RD, V, W	☐1221__	•
20	120/277	Double-pole toggle switch	B, BK, GY, LA, RD, V, W	☐1222__	•
20	120/277	3-Way toggle switch	B, BK, GY, LA, RD, V, W	☐1223__	•
20	120/277	4-Way toggle switch	B, BK, GY, LA, RD, V, W	☐1224__	•

Color ordering information:

For ordering devices, include Catalog no. followed by the Color suffix: B (Brown), BK (Black), GY (Gray), LA (Light Almond), RD (Red), V (Ivory), W (White)

B	BK	GY	LA	RD	V	W
(Brown)	(Black)	(Gray)	(Lt. Almond)	(Red)	(Ivory)	(White)

Specification information: 120/277V construction: E-36 **Testing & code compliance:** cULus Listed to UL 20, file no. 18704, NOM Certified.
Material characteristics: Environmental: Flammability meets UL 94 requirements, V2 rated. Temperature rating: -20°C to 60°C (-4°F to 140°F)
Compliances, specifications and availability are subject to change without notice.

RoHS compliant - Page Q-32

Commercial grade switches

Designed for the most demanding commercial applications

Arrow Hart's commercial grade switches are designed to provide superior quality, reliability and performance in a variety of commercial environments

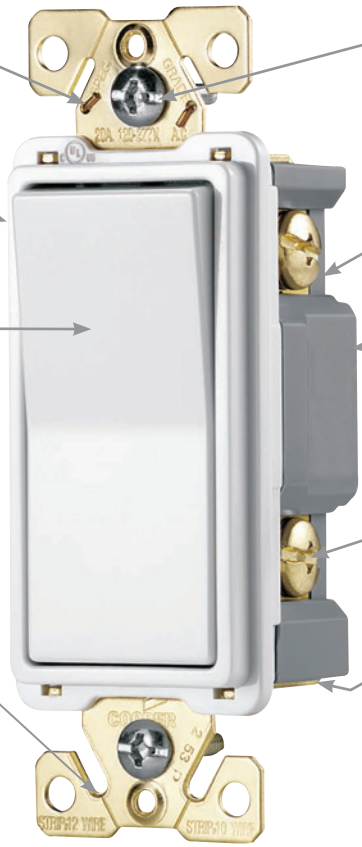
Commercial grade AC switch features & benefits

Automatic grounding eliminates need for bonding jumper in metal enclosures

Welded construction provides superior assembly security under heavy use

Smooth face for ease of cleaning

Built-in wire stripper to speed up installation



Tri-combo head terminal and mounting screws, plus easy-access grounding terminal

Stippled line and ground contacts ensure solid contact; ground screw clamp provides secure wiring

Tapered back-wire openings handle multiple sizes and types, up to #10 AWG solid or stranded wire

Oversized termination screws for simplified wire installation

Horsepower rated for motor loads

Horsepower rated for motor loads per UL20

Amps	120V/AC	240V/AC	277V/AC	Max.
15A	1/2 HP	2HP	2HP	12A
20A	1HP	2HP	2HP	16A

A complete line of switches available for any commercial application:

Combination switches

Commercial grade CSB series

Commercial grade CS series

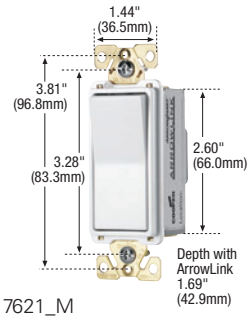
Compliances, specifications and availability are subject to change without notice.

Commercial grade AC decorator switches

Product description

Single-pole, double-pole, 3-way, 4-way
15A, 120/277V/AC
20A, 120/277V/AC

7603



7621_M

AC decorator switches, back & side wire

Rating A	Rating V/AC	Description	Color suffix	Catalog no.			
15	120/277	Single-pole, decorator	A, B, BK, GY, LA, V, W	☐7601__	•	•	•
		3-Way, decorator	B, BK, GY, LA, V, W	☐7603__		•	•
		4-Way, decorator	B, BK, GY, LA, V, W	☐7604__		•	•
20	120/277	Single-pole, decorator	A, B, BK, GY, LA, RD, V, W	☐7621__	•	•	•
		Double-pole decorator	A, B, BK, GY, LA, V, W	☐7622__		•	•
		3-Way, decorator	A, B, BK, GY, LA, RD, V, W	☐7623__		•	•
		4-Way, decorator	A, B, BK, GY, LA, V, W	☐7624__		•	•

Color ordering information:

For ordering devices, include Catalog no. followed by the Color suffix: A (Almond), B (Brown), BK (Black), GY (Gray), LA (Light Almond), RD (Red), V (Ivory), W (White)

A	B	BK	GY	LA	RD	V	W
(Almond)	(Brown)	(Black)	(Gray)	(Lt. Almond)	(Red)	(Ivory)	(White)

Specification information: 120/277V/AC commercial ArrowLink modular decorator: E-43, 120/277V/AC commercial decorator: E-40
Compliances, specifications and availability are subject to change without notice.

ArrowLink option available. Add "M" suffix to standard catalog number (example AH8300W, AH8300WM). For ordering information on ArrowLink & ArrowLink SPD connectors, see Page E-4

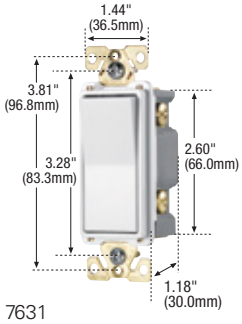
Build-to-spec customizable devices - Page E-6

RoHS compliant - Page Q-32

Commercial grade AC decorator switches

Product description

Single-pole, double-pole, 3-way, 4-way
15A, 120/277V/AC;
20A, 120/277V/AC



7631

AC decorator switches, back & side wire

Rating A	Rating V/AC	Description	Color suffix	Catalog no.			
20	120/277	Single-pole, lighted decorator	A, LA, V, W	☐ 7631__	•	•	•
		3-Way, lighted decorator	LA, V, W	☐ 7633__		•	•
		4-Way, lighted decorator	LA, V, W	☐ 7634__		•	•

AC decorator switches, back & side wire

Rating A	Rating V/AC	Description	Color suffix	Catalog no.			
15	347	Single-pole, decorator	V, W	☐ 7601-347__	•	•	•
		3-Way, decorator	V, W	☐ 7603-347__		•	•
		4-Way, decorator	V, W	☐ 7604-347__		•	•
20	347	Single-pole, decorator	V, W	☐ 7621-347__	•	•	•
		Double-pole, decorator	V, W	☐ 7622-347__		•	•
		3-Way, decorator	V, W	☐ 7623-347__		•	•
		4-Way, decorator	V, W	☐ 7624-347__		•	•

AC decorator switches, back & side wire

Rating A	Rating V/AC	Description	Color	Catalog no.	
15	120/277	Single-pole, two position, momentary contact, decorator	W	☐ 7521W	•

Color ordering information:

For ordering devices, include Catalog no. followed by the Color suffix: A (Almond), LA (Light Almond), V (Ivory), W (White)

A	LA	V	W
(Almond)	(Lt. Almond)	(Ivory)	(White)

Specification information: 120/277V/AC commercial ArrowLink modular: E-43, 120/277V/AC commercial decorator: E-40
Compliances, specifications and availability are subject to change without notice.

ArrowLink option available. Add "M" suffix to standard catalog number (example AH8300W, AH8300WM). For ordering information on ArrowLink & ArrowLink SPD connectors, see Page E-4

Build-to-spec customizable devices - Page E-6

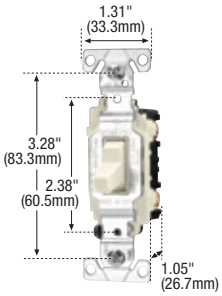
RoHS compliant - Page Q-32

Commercial grade switches

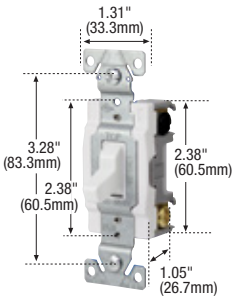
Commercial grade AC toggle switches

Product description

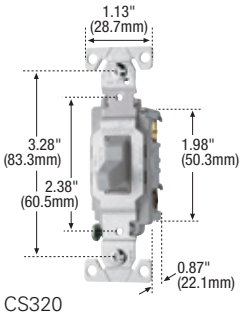
Single-pole, double-pole, 3-way, 4-way
15A, 120/277V/AC; 20A, 120/277V/AC



CSB320



CSB415



CS320

AC toggle switches, back & side wire

Rating A	Rating V/AC	Description	Color suffix	Catalog no.
15	120/277	Single-pole, toggle	B, GY, LA, V, W	☐ CSB115__
		Single-pole, small toggle	A, LA, V, W	☐ CSB115ST__
		Double-pole, toggle	B, GY, LA, V, W	☐ CSB215__
		3-Way, toggle	B, GY, LA, V, W	☐ CSB315__
		3-Way, small toggle	A, B, LA, V, W	☐ CSB315ST__
		4-Way, toggle	B, GY, V, W, LA	☐ CSB415__
20	120/277	Single-pole, toggle	B, GY, LA, V, W	☐ CSB120__
		Double-pole, toggle	B, GY, LA, V, W	☐ CSB220__
		3-Way, toggle	B, GY, LA, V, W	☐ CSB320__
		4-Way, toggle	B, GY, V, W	☐ CSB420__

AC toggle switches, side wire

Rating A	Rating V/AC	Description	Color suffix	Catalog no.
15	120/277	Single-pole, compact toggle	A, B, BK, GY, LA, V, W	☐ CS115___
		Double-pole, compact toggle	B, BK, GY, LA, V, W	☐ CS215___
		3-Way, compact toggle	B, BK, GY, LA, V, W	☐ CS315___
		4-Way, compact toggle	B, GY, LA, V, W	☐ CS415___
20	120/277	Single-pole, compact toggle	A, B, BK, GY, LA, V, W	☐ CS120___
		Double-pole, compact toggle	B, BK, GY, LA, V, W	☐ CS220___
		3-Way, compact toggle	B, BK, GY, LA, V, W	☐ CS320___
		4-Way, compact toggle	B, GY, LA, V, W	☐ CS420___

Accessories for commercial specification grade switches

Description	Catalog no.
1-Gang, standard size toggle, 302/304 Stainless steel wallplate	☐ 93071
2-Gang, standard size toggle, 302/304 Stainless steel wallplate	☐ 93072
1-Gang, standard size toggle, unbreakable nylon wallplate, red	☐ 5134RD
2-Gang, standard size toggle, unbreakable nylon wallplate, white	☐ 5139W
4-Gang, standard size toggle, unbreakable nylon wallplate, white	☐ 5154W

93071

93072

5124RD

5139W

5154W

Color ordering information:

For ordering devices, include Catalog no. Followed by the Color suffix: A (Almond), B (Brown), BK (Black), GY (Gray), LA (Light Almond), V (Ivory), W (White)

A	B	BK	GY	LA	V	W
(Almond)	(Brown)	(Black)	(Gray)	(Lt. Almond)	(Ivory)	(White)

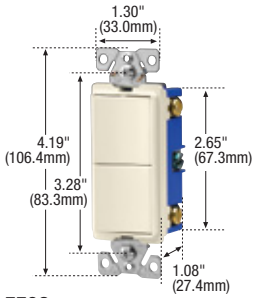
Specification information: 120/277V/AC commercial toggle: E-41
Compliances, specifications and availability are subject to change without notice.

Build-to-spec customizable devices - Page E-6
Indicates NAFTA compliant - Page Q-32
RoHS compliant - Page Q-32

Commercial grade AC decorator combination switches

Product description

Single-pole, 3-way
15A, 120/277V/AC



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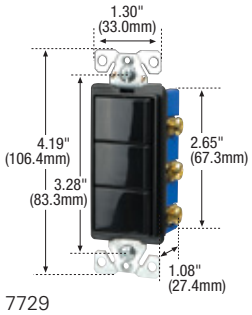

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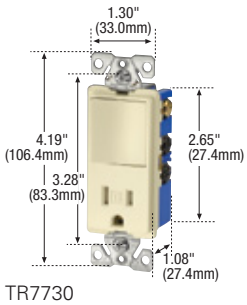


TR7730

Decorator combination switches, back & side wire

Rating A	Rating V/AC	Description	Color suffix	Catalog no.	
15	120/277	(2) Single-pole, switches	A, BK, LA, V, W	☐ 7728__	•
		(3) Single-pole, switches	A, BK, LA, V, W	☐ 7729__	•
		(2) 3-Way, switches	A, BK, LA, V, W	☐ 7731__	•
		(1) Single-pole switch with (1) 3-Way switch	A, BK, LA, V, W	☐ 7732__	•

Decorator switch with receptacle, back & side wire

Rating A	Rating V/AC	Description	Color suffix	Catalog no.	
15	120/277	(1) Single-pole with NEMA 5-15,	A, BK, LA, V, W	☐ TR7730___	•
15	125	(1) 2-Pole, 3-wire tamper resistant receptacle			

Accessories for commercial specification grade switches

Description	Catalog no.		
1-Gang, standard size, decorator, 302/304 Stainless steel wallplate	☐ 93401	•	•
2-Gang, standard size, decorator, 302/304 Stainless steel wallplate	☐ 93402	•	•
1-Gang, standard size, decorator, unbreakable nylon wallplate, white	☐ 5151W	•	•

930401

930402

5151W

Color ordering information:

For ordering devices, include Catalog no. followed by the Color suffix: A (Almond), BK (Black), LA (Light Almond), V (Ivory), W (White)

A	BK	LA	V	W
(Almond)	(Black)	(Lt. Almond)	(Ivory)	(White)

Specification information: 120/277V/AC commercial decorator combination: E-40
Compliances, specifications and availability are subject to change without notice.

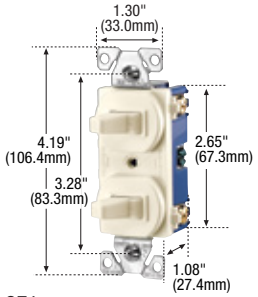
Indicates NAFTA compliant - Page Q-32

RoHS compliant - Page Q-32

Commercial grade AC toggle combination switches

Product description

Single-pole, 3-way
15A, 120/277V/AC; 15A, 120V/AC
20A, 120V/AC

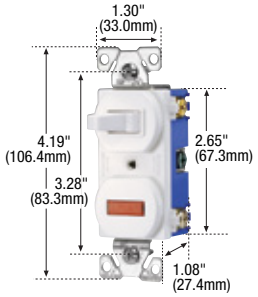


271

Toggle combination switches, back & side wire

Rating A	Rating V/AC	Description	Color suffix	Catalog no.	RoHS
15	120/277	(2) Single-pole, switches	A, B, LA, V, W	☐ 271__	•
		(1) Single-pole, switch with (1) 3-Way switch	B, LA, V, W	☐ 275__	•
		(2) 3-Way, switches	LA, V, W	☐ 276__	•
15	120	(1) Single-pole, switch 1/25w (1) 125V pilot light	B, LA, V, W	☐ 277__*	•
		(1) 3-Way, switch w/pilot light 1/25w (1) 125V pilot light	B, V	☐ 294__*	•

* Not NOM cert

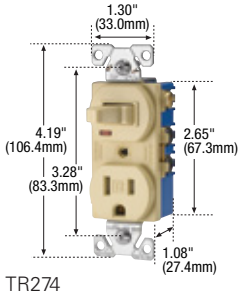


277

Toggle switch with receptacle, back & side wire

Rating A	Rating V/AC	Description	Color suffix	Catalog no.	RoHS
15 15	120 125	(1) Single-pole, switch with NEMA 5-15 (1) 2-Pole, 3-wire tamper resistant receptacle	A, B, BK, LA, V, W	☐ TR274___	•
15 15	120 125	(1) 3-Way switch with NEMA 5-15 (1) 2-Pole, 3-wire tamper resistant receptacle	A, B, BK, LA, V, W	☐ TR293___	•
15 20	120 125	(1) Single-pole, switch with NEMA 5-20 (1) 2-Pole, 3-wire tamper resistant receptacle	A, B, BK, LA, V, W	☐ TR291___*	•

* Not NOM cert



TR274

Accessories for commercial specification grade toggle combination switches

Description	Catalog no.	NAFTA	RoHS
1-Gang, standard size duplex, 302/304 Stainless steel receptacle wallplate	☐ 93101	•	•
1-Gang, standard size duplex, unbreakable nylon receptacle wallplate, almond	☐ 5132A	•	•

93101

5132A

Color ordering information:

For ordering devices, include Catalog no. Followed by the Color suffix: A (Almond), B (Brown), BK (Black), LA (Light Almond), V (Ivory), W (White)

A	B	BK	LA	V	W
(Almond)	(Brown)	(Black)	(Lt. Almond)	(Ivory)	(White)

Specification information: 120/277V/AC commercial toggle combination: E-40
Compliances, specifications and availability are subject to change without notice.

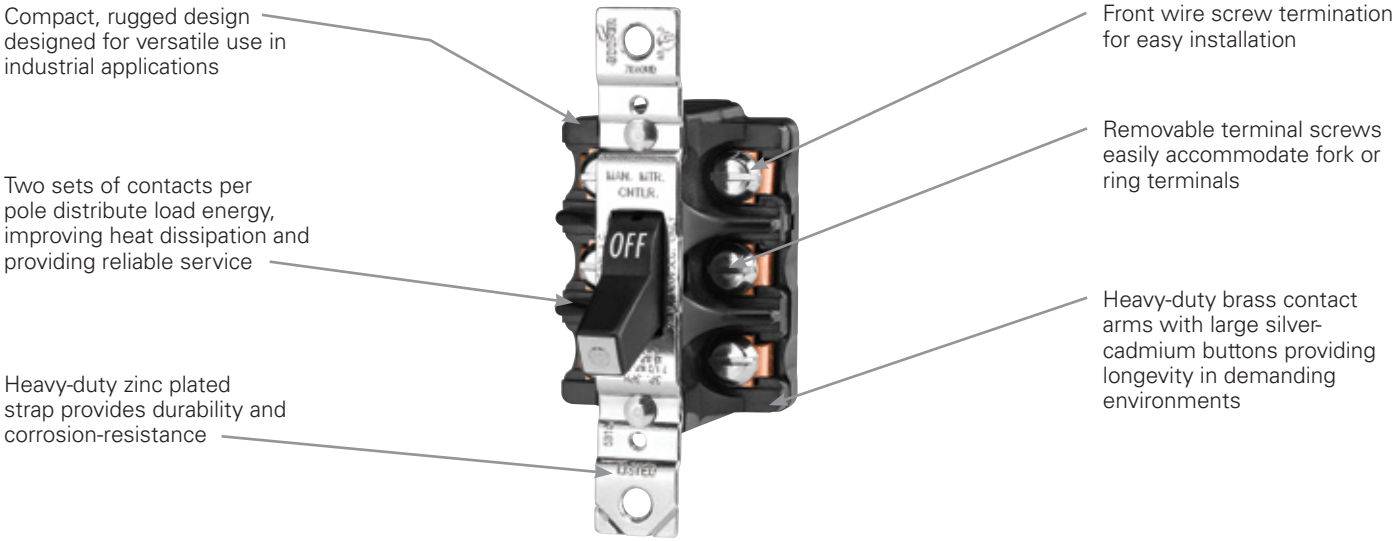
Indicates NAFTA compliant - Page Q-32
RoHS compliant - Page Q-32
TR Tamper resistant

Switch solutions built tough for dependable motor control

Arrow Hart's comprehensive offering of industrial grade manual motor control switches are engineered to provide reliable performance in industrial applications

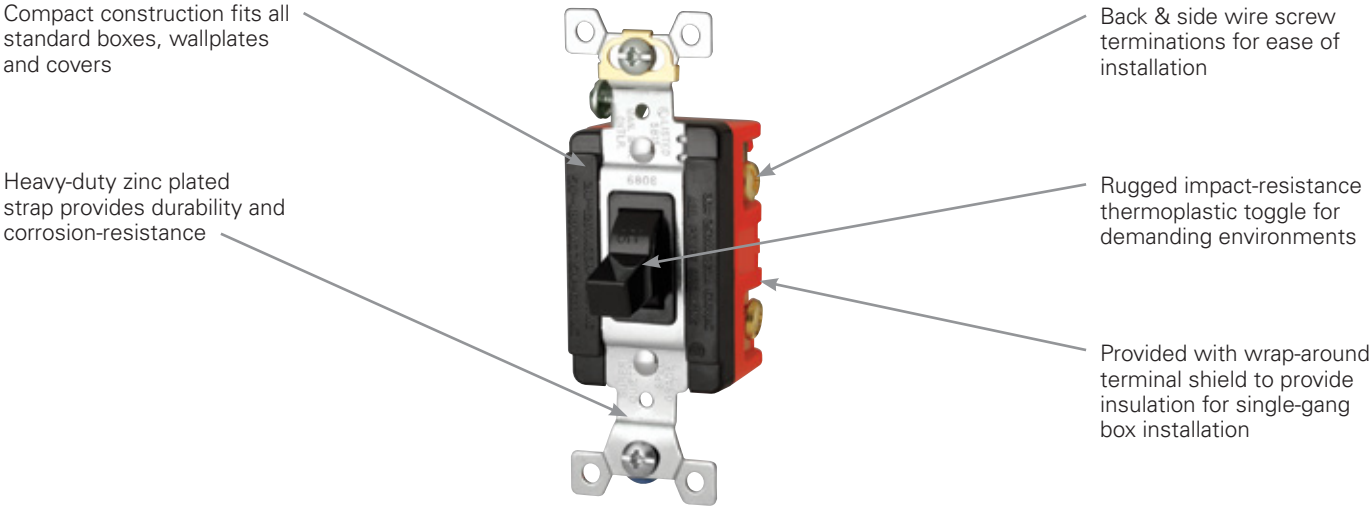
Manual motor control switch AH7810UD, AH6810U features & benefits

2-Pole & 3-pole, 30A, 600V/AC models available



Manual motor control switch AH6808UDAC, AH6808UCO features & benefits

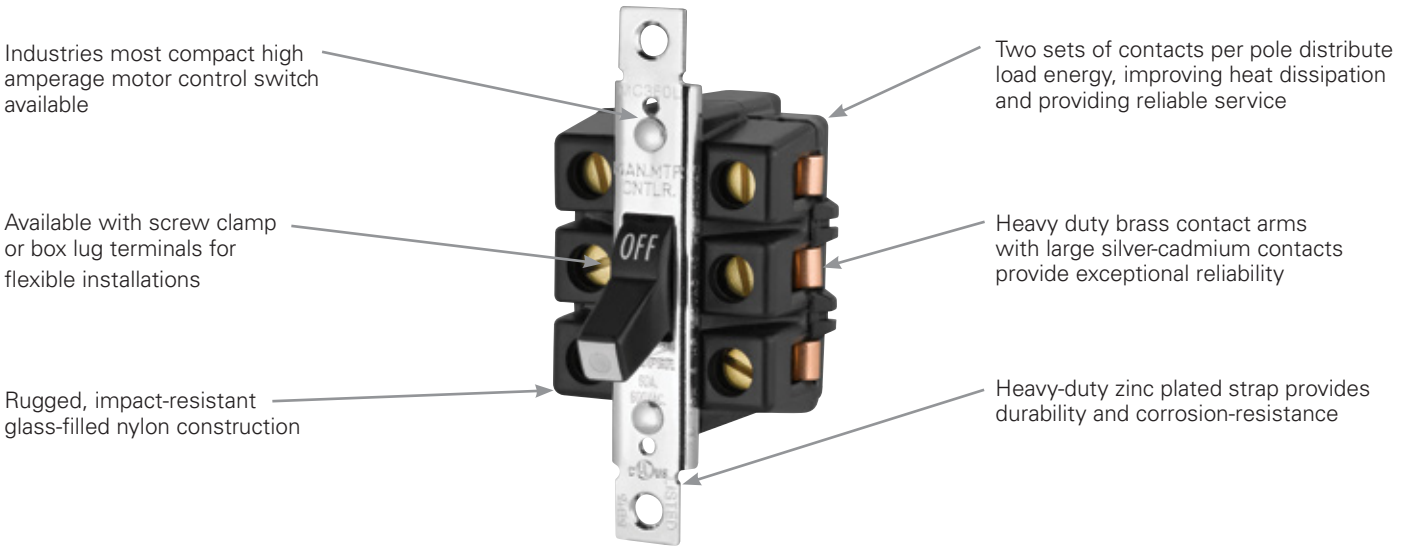
2-Pole, 30A & 40A, 600V/AC models available



Compliances, specifications and availability are subject to change without notice.

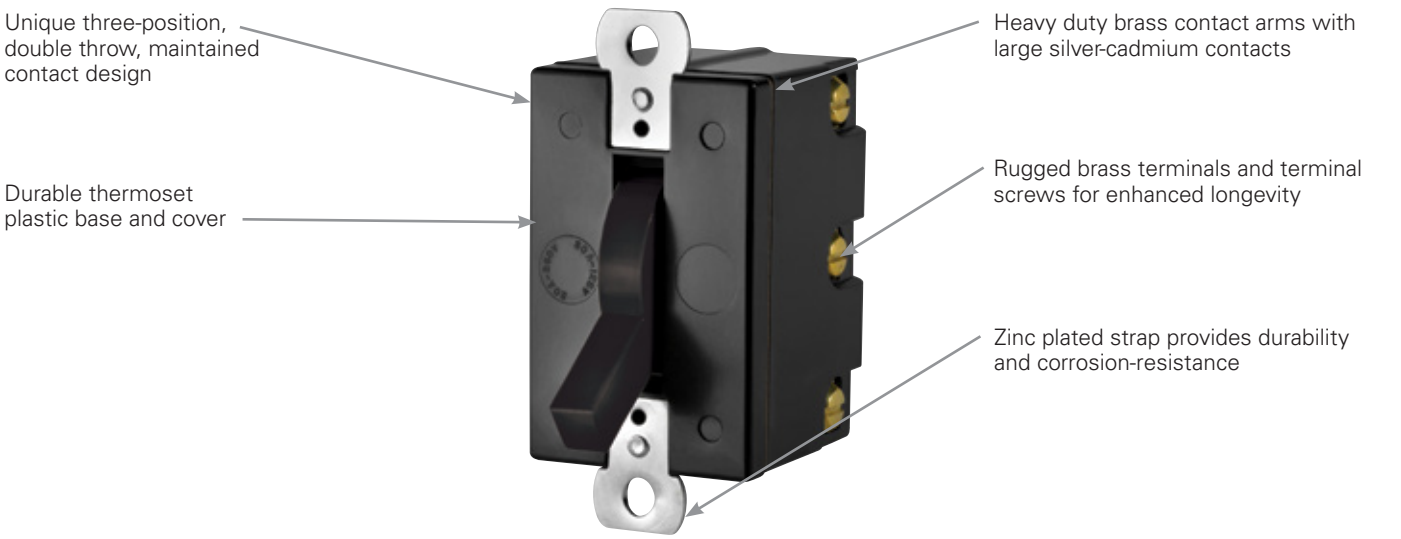
Manual motor control switch AHMC 40 & 60 series features & benefits

2-pole & 3-pole, 40A & 60A, 600V/AC models provided with box lug terminations available



Manual motor control switch AH4371, AH4361 features & benefits

2-pole, 5A, 10A, 20A, & 30A, 125/250V/AC/DC models available

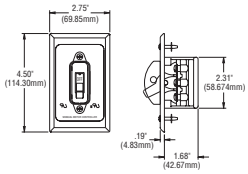
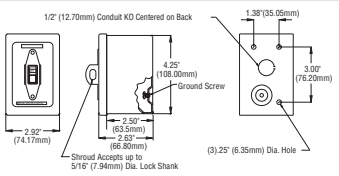
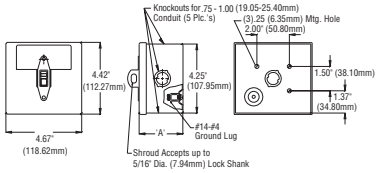
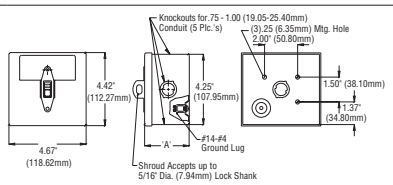
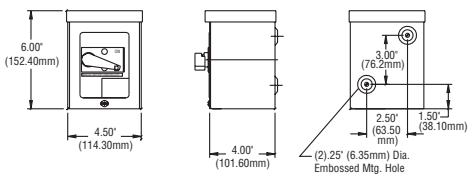
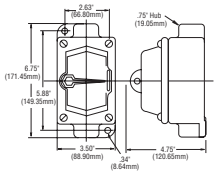


Compliances, specifications and availability are subject to change without notice.

Motor control switch quick reference guide

Amps	Volts	Poles	Max. AWG wire size	Switch Cat. no.	With cover plate	With NEMA Type 1 enclosure	With NEMA Type 3R enclosure	With NEMA Type 3, 7 & 9 enclosure	
30	600	2	10	AH6810U	AH6810F	AH6810G	AH6810W	AH6810E	•
30	600	3	10	AH7810UD*	AH7810FD	AH7810GD	AH7810WD	AH7810ED	•
40	600	2	8	AH6808UCO	—	—	—	—	•
40	600	2	8	AHMC240C	—	AHMC240C-1	AHMC240C-3	—	•
40	600	2	4	AHMC240L	—	AHMC240L-1	AHMC240L-3	—	•
40	600	3	8	AHMC340C	—	AHMC340C-1	AHMC340C-3	—	•
40	600	3	4	AHMC340L	—	AHMC340L-1	AHMC340L-3	—	
60	600	2	4	AHMC260L	—	AHMC260L-1	AHMC260L-3	—	•
60	600	3	4	AHMC360L	—	AHMC360L-1	AHMC360L-3	—	
10/20	250/125 AC/DC	2	10	AH4361	—	AH27940G	—	—	
20/30	250/125 AC/DC	2	10	AH4371	—	—	—	—	
20/30	600/250	2	10	AH6808UDAC	AH6808FDAC	AH6808GDAC	AH6808WDAC	—	•

Motor control switch enclosure quick reference guide

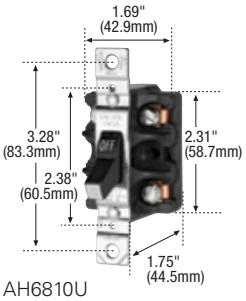
NEMA Type	Description	Catalog no.	Visual reference	Drawing (Larger versions available in Technical Reference, page Q-22)
—	Cover plate	—		
Type 1	NEMA Type 1 enclosure, single gang	AHN1GD		
Type 1	NEMA Type 1 enclosure, double gang	AHN1GD2		
Type 1	NEMA Type 1 enclosure, double gang extra deep	AHN1GD2D		
Type 3R	NEMA Type 3R enclosure	AHN3WD		
Type 3, 7 & 9	NEMA Type 3, 7 & 9 enclosure, Class 1, Div 1 & 2, Groups C, D, Class II, Groups E, F, G	—		

Compliances, specifications and availability are subject to change without notice. Indicates NAFTA compliant - Page Q-32

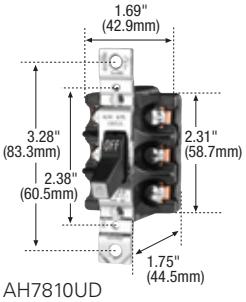
Industrial grade manual motor controllers

Product description

2-pole & 3-pole
30A, 600V/AC



AH6810U



AH7810UD

AH7810WD

Two-position, maintained contact, single throw, 2-pole, single-phase

Rating A	Rating V/AC	Description	Termination style	Max. AWG wire size	Catalog no.		
30	600	Switch only	Front wired screw	#10 AWG	☐ AH6810U	•	•
		Switch in NEMA Type 1 enclosure	Front wired screw	#10 AWG	☐ AH6810G	•	•
		Switch in NEMA Type 3R enclosure	Front wired screw	#10 AWG	☐ AH6810W*	•	•
		Switch in NEMA Type 3, 7 & 9 enclosure for hazardous enclosures. Class I, Div. 1 & 2, Groups C, D; Class II, Groups E, F, G	Front wired screw	#10 AWG	☐ AH6810E	•	•

*For Canada, order Cat. no. AH6810WR
type 3, 7, 9 enclosure: iron back box with galvanized and acrylic paint finish copperless aluminum

Horsepower rated for motor loads per UL508

	120V/AC	240V/AC	480V/AC	600V/AC
HP	2	5	7.5	7.5

Two-position, maintained contact, single throw, 3-pole, 3-phase

Rating A	Rating V/AC	Description	Termination style	Max. AWG wire size	Catalog no.		
30	600	Switch only	Front wired screw & clamp	#10 AWG	☐ AH7810UD	•	•
		Switch with cover plate for flush mounting	Front wired screw & clamp	#10 AWG	☐ AH7810FD	•	•
		Switch in NEMA Type 1 single-gang enclosure	Front wired screw & clamp	#10 AWG	☐ AH7810GD	•	•
		Switch in NEMA Type 1 double-gang enclosure	Front wired screw & clamp	#10 AWG	☐ AH7810GDB	•	•
		Switch in NEMA Type 3R enclosure	Front wired screw & clamp	#10 AWG	☐ AH7810WD	•	•
		Switch in NEMA Type 3, 7 & 9 Enclosure for hazardous enclosures. Class I, Div. 1 & 2, Groups C, D; Class II, groups E, F, G	Front wired screw & clamp	#10 AWG	☐ AH7810ED		•

Type 3, 7, 9 enclosure: iron back box with galvanized steel and acrylic paint finish copperless aluminum

Horsepower rated for motor loads per UL508

	120V/AC	240V/AC	480V/AC	600V/AC
HP	3	7.5	15	15

Accessories for 30A manual motor controllers

Description	Catalog no.		
Empty enclosure, NEMA Type 1 single-gang	☐ AHN1GD	•	•
Empty enclosure, NEMA Type 3R	☐ AHN3WD	•	•
Wet-location plastic 1-Gang weather protective flush mount toggle switch cover	☐ S2983	•	•
Cast aluminum single gang 3-hole powder coated back box	☐ 1113	•	•
1-Gang, standards size 302/304 Stainless steel wallplate	☐ 93071	•	•

AHN1GD

AHN3WD

S2983

1113

93071

Specification information: AH6800 & AH7800 series: E-43
Compliances, specifications and availability are subject to change without notice.

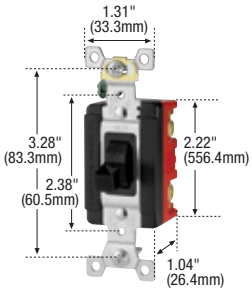
Indicates NAFTA compliant - Page Q-32

RoHS compliant - Page Q-32

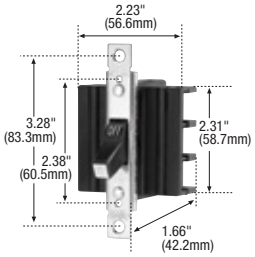
Industrial grade manual motor controllers

Product description

2-pole
40A, 600V/AC



AH6808UCO



AHMC240C

AHMC240C-1

AHMC240L-3

Two-position, maintained contact, single throw, 2-pole, single-phase

Rating A	Rating V/AC	Description	Termination style	Max. AWG wire size	Catalog no.		
40	600	Switch only	Back & side wired screw	#8 AWG (w/ring term.)	☐ AH6808UCO	•	•

Horsepower rated for motor loads per UL508

	120V/AC	240V/AC	480V/AC	600V/AC
HP	–	5	–	–

Two-position, maintained contact, single throw, 2-pole, single-phase

Rating A	Rating V/AC	Description	Termination style	Max. AWG wire size	Catalog no.		
40	600	Switch only	Side wired screw & clamp	#8 AWG	☐ AHMC240C	•	•
		Switch in NEMA Type 1 enclosure	Side wired screw & clamp	#8 AWG	☐ AHMC240C-1	•	•
		Switch in NEMA Type 3R enclosure	Side wired screw & clamp	#8 AWG	☐ AHMC240C-3	•	•
		Switch only	Side wired box lug	#4 AWG	☐ AHMC240L	•	•
		Switch in NEMA Type 1 enclosure	Side wired box lug	#4 AWG	☐ AHMC240L-1	•	
		Switch in NEMA Type 3R enclosure	Side wired box lug	#4 AWG	☐ AHMC240L-3	•	•

Horsepower rated for motor loads per UL508

	120V/AC	240V/AC	480V/AC	600V/AC
HP	3	5	15	15

Accessories for 40A manual motor controllers

Description	Catalog no.		
Empty enclosure, NEMA Type 1 single-gang	☐ AHN1GD	•	
Empty enclosure, NEMA Type 3R	☐ AHN3WD	•	
Wet-location plastic 1-Gang weather protective flush mount toggle switch cover	☐ S2983	•	
Cast aluminum single gang 3-hole powder coated back box	☐ 1113	•	•
1-Gang, standards size 302/304 Stainless steel wallplate	☐ 93071	•	•

AHN1GD

AHN3WD

S2983

1113

93071

Specification information: AH6800 series: E-45, AHMC200 series: E-43
Compliances, specifications and availability are subject to change without notice.

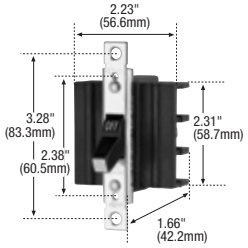
Indicates NAFTA compliant - Page Q-32

RoHS compliant - Page Q-32

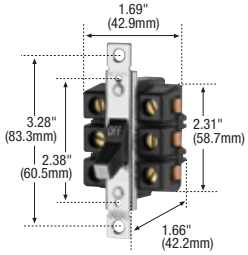
Industrial grade manual motor controllers

Product description

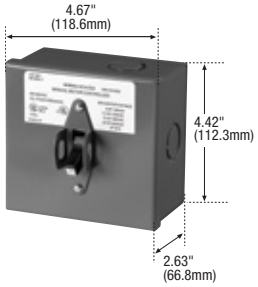
3-pole
40A, 600V/AC



AHMC340C



AHMC340L



AHMC340L-1

Two-position, maintained contact, single throw, 3-pole, 3-phase

Rating A	Rating V/AC	Description	Termination style	Max. AWG wire size	Catalog no.		
40	600	Switch only	Side wired	#8 AWG	☐ AHMC340C	•	•
		Switch in NEMA Type 1 enclosure	Side wired	#8 AWG	☐ AHMC340C-1	•	
		Switch in NEMA Type 3R enclosure	Side wired	#8 AWG	☐ AHMC340C-3	•	
		Switch only	Side wired box lug	#4 AWG	☐ AHMC340L	•	•
		Switch in NEMA Type 1 enclosure	Side wired box lug	#4 AWG	☐ AHMC340L-1	•	
		Switch in NEMA Type 3R enclosure	Side wired box lug	#4 AWG	☐ AHMC340L-3	•	

Horsepower rated for motor loads per UL508

	120V/AC	240V/AC	480V/AC	600V/AC
HP	3	7.5	15	20

Accessories for 40A manual motor controllers

Description	Catalog no.		
Empty enclosure, NEMA Type 1 single-gang	☐ AHN1GD	•	
Empty enclosure, NEMA Type 1 double-gang	☐ AHN1GD2	•	
Empty enclosure, NEMA Type 3R	☐ AHN3WD	•	
Wet-location plastic 1-Gang weather protective flush mount toggle switch cover	☐ S2983	•	
1-Gang, standards size 302/304 Stainless steel wallplate	☐ 93071	•	•

AHN1GD

AHN1GD2

AHN3WD

S2983

93071

Specification information: AHMC300 series: E-43
Compliances, specifications and availability are subject to change without notice.

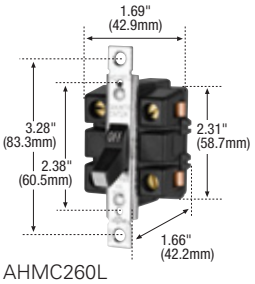
Indicates NAFTA compliant - Page Q-32

RoHS compliant - Page Q-32

Industrial grade manual motor controllers

Product description

2-pole & 3-pole
60A, 600V/AC



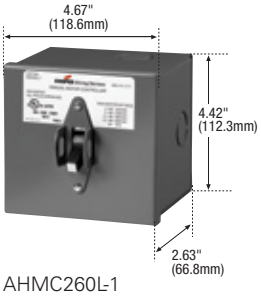
AHMC260L

Two-position, maintained contact, single throw, 2-pole, single-phase

Rating A	Rating V/AC	Description	Termination style	Max. AWG wire size	Catalog no.		
60	600	Switch only	Side wired box lug	#4 AWG	☐ AHMC260L	•	•
		Switch in NEMA Type 1 enclosure	Side wired box lug	#4 AWG	☐ AHMC260L-1	•	
		Switch in NEMA Type 3R enclosure	Side wired box lug	#4 AWG	☐ AHMC260L-3	•	

Horsepower rated for motor loads per UL508

	120V/AC	240V/AC	480V/AC	600V/AC
HP	3	5	15	15



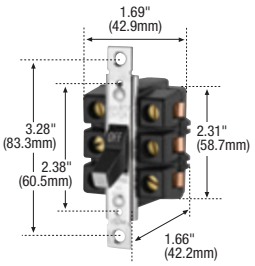
AHMC260L-1

Two-position, maintained contact, single throw, 3-pole, 3-phase

Rating A	Rating V/AC	Description	Termination style	Max. AWG wire size	Catalog no.		
60	600	Switch only	Side wired box lug	#4 AWG	☐ AHMC360L	•	•
		Switch in NEMA Type 1 enclosure	Side wired box lug	#4 AWG	☐ AHMC360L-1	•	
		Switch in NEMA Type 3R enclosure	Side wired box lug	#4 AWG	☐ AHMC360L-3	•	

Horsepower rated for motor loads per UL508

	120V/AC	240V/AC	480V/AC	600V/AC
HP	5	10	25	30



AHMC360L

Accessories for 60A manual motor controllers

Description	Catalog no.		
Empty enclosure, NEMA Type 1 single-gang	☐ AHN1GD	•	
Empty enclosure, NEMA Type 3R	☐ AHN3WD	•	
Wet-location plastic 1-Gang weather protective flush mount toggle switch cover	☐ S2983	•	
Cast aluminum single gang 3-hole powder coated back box	☐ 1113	•	•
1-Gang, standards size 302/304 Stainless steel wallplate	☐ 93071	•	•

AHN1GD

AHN3WD

S2983

1113

93071

Specification information: AHMC200 & AHMC300 series: E-43
Compliances, specifications and availability are subject to change without notice.

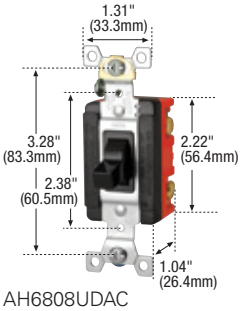
Indicates NAFTA compliant - Page Q-32

RoHS compliant - Page Q-32

Industrial grade manual motor controllers

Product description

2-pole
10/20A, 250/125V/AC or DC
20/30A, 250/125V/AC or DC
20/30A, 600/250V/AC



AH6808UDAC

AH6808GDAC

Three-position, maintained contact, double throw, 2-pole, single-phase

Rating A	Rating V/AC/DC	Description	Termination style	Max. AWG wire size	Catalog no.
10 20	250 125	Switch, center OFF, black	Side wired screw	#10 AWG	☐ AH4361
		Switch, center OFF, in NEMA Type 1 enclosure	Side wired screw	#10 AWG	☐ AH27940G

Horsepower rated for motor loads per UL508

	240V/AC	250V/AC/DC	250 V/DC
HP	2	—	1.5

Two-position, maintained contact, single throw, 2-pole, single-phase

Rating A	Rating V/AC	Description	Termination style	Max. AWG wire size	Catalog no.		
20 30	600 250	Switch only	Back & side wired screw	#10 AWG	☐ AH6808UDAC	•	•
		Switch with cover plate for flush mounting	Back & side wired screw	#10 AWG	☐ AH6808FDAC	•	
		Switch in NEMA Type 1 enclosure	Back & side wired screw	#10 AWG	☐ AH6808GDAC	•	
		Switch in NEMA Type 3R copperless aluminum enclosure	Back & side wired screw	#10 AWG	☐ AH6808WDAC	•	

Horsepower rated for motor loads per UL508

	120V/AC	240V/AC	480V/AC	600V/AC
HP	2	3	5	7.5

Specification information: AH6800 series: E-43
Compliances, specifications and availability are subject to change without notice.

Indicates NAFTA compliant - Page Q-32
RoHS compliant - Page Q-32

X-switch motor controls switches

NSF certified motor control solution

Designed specifically around the needs of the food & beverage industry's processing areas, Arrow Hart's X-switch is the ideal motor control solution for complex environments

Features & benefits

Multiple input & output configurations available

Compact NEMA Type 4X stainless steel enclosure is ideal for washdown environments

High-visibility red handle can be padlocked to meet OSHA lockout/tagout requirements

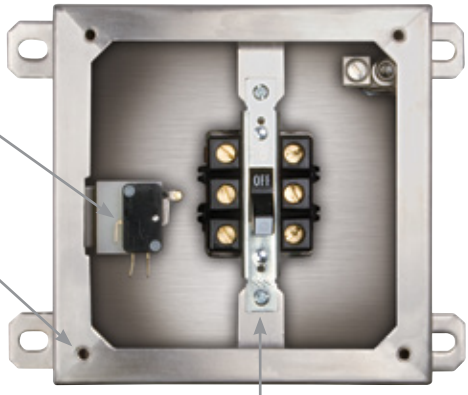
Retained quick-drive hex bolts for easy access

One-piece closed cell silicone gasket for superior ingress protection and easy cleaning

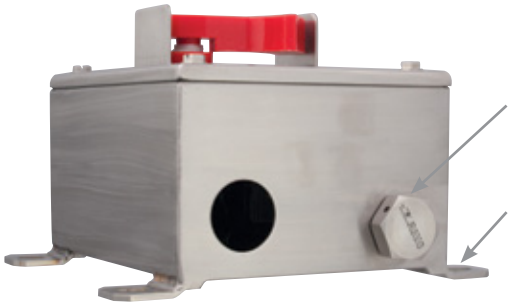
NSF Listed for use in food processing areas per NSF 3-A 14159-1 standard

Optional auxiliary contact available (40A & 60A models only)

Threaded inserts for maximum cover screw torque



Heavy-duty industrial switches designed for long life



Bottom view

Optional breather drain prevents interior condensation buildup

Welded 11 gauge mounting feet provide full 1/4" clearance from mounting surface per NEC 300.6(D)

Related products

Whether you need to get power quickly and easily from one point to another, preserve cable connections for safety and reliability or simply replace a switch, we have the devices you need to get the job done.

Wire mesh grips
Industrial cable strain relief

Motor controllers and disconnects
Industrial motor switching

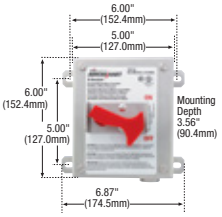
Compliances, specifications and availability are subject to change without notice.

X-switch motor control switches

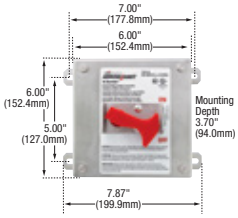
X-switch motor controllers & disconnects

Product description

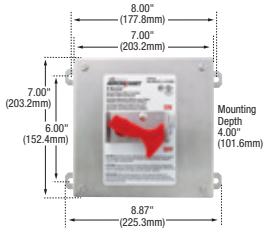
3-pole, 3-phase
30A, 40A or 60A, 600V/AC max.
NEMA Type 4X



30A x-switch



40A x-switch



60A x-switch

Industrial grade complex environment switch

Features

- NSF certified for use in food processing areas per NSF 3-A 14159-1
- Can be padlocked to conform to OSHA lockout/tagout 1910.147 requirements
- Compact size & small footprint designed for installation versatility
- Durable, NEMA Type 4X enclosure is made of non-magnetic, non-corrosive type 304 Stainless steel ideal for washdown environments (316 Stainless steel available)
- NEMA Type 4X breather drain option available to prevent interior condensation buildup (enclosure with breather drain is self-certified NEMA Type 4X)
- Mounting feet provide 1/4" spacing from mounting surface (NEC® 300.6(D)); optional spacer mounting kit provides additional 1" spacing
- 30A, 40A & 60A switch options available
- Heavy-duty switch designed to deliver dependability, long life and excellent electrical continuity
- Auxiliary contact options available for PLCs and external indicators (break after main break, make before main make)
- Retained, quick-drive hex bolts attach cover to enclosure
- Durable lever handle and switch mechanism will withstand repeated use in harsh environments
- Multiple configurations and custom options available

Common x-switch configurations* cULus

Rating A	Rating V/AC	Description	Catalog no.	
30	600 max.	X-switch: no input, no output, no breather drain	☐ AH7810XC000	•
		X-switch: no input, no output, with breather drain	☐ AH7810XC00S	•
		X-switch: 3/4" input, 3/4" output, with breather drain	☐ AH7810XC11S	•
40	600 max.	X-switch: no input, no output, no breather drain, no aux. contacts	☐ AHMC340XC0000	•
		X-switch: no input, no output, with breather drain, with aux. contacts	☐ AHMC340XC00SA	•
		X-switch: 1" input, 1" output, no breather drain, no aux. contacts	☐ AHMC340XC1100	•
60	600 max.	X-switch: no input, no output, no breather drain, no aux. contacts	☐ AHMC360XC0000	•
		X-switch: 1-1/4" input, 1-1/4" output, no breather drain, no aux. contacts	☐ AHMC360XC1100	•
		X-switch: no input, no output, with breather drain, no aux. contacts	☐ AHMC360XC00S0	•

* Other configurations available

X-switch motor controllers & disconnects ordering matrix

3-Pole, 30A, 40A or 60A, 600V/AC

X-switch motor controllers & disconnects sample number:
AHMC340XC11SA

Arrow Hart NEMA Type 4X 40A switch, 1" pre-drilled input & output on bottom, breather drain, aux. contacts, 304 Stainless steel enclosure

AH MC340 XC 1 1 S A

Amperage
7810 = 30A
MC340 = 40A
MC360 = 60A

Input options
0 = No input
1 = Pre-drilled thru hole, location: bottom (30A= 3/4", 40A = 1", 60A = 1-1/4")
2 = Pre-drilled thru hole, location: top (30A= 3/4", 40A = 1", 60A = 1-1/4")

Output options
0 = No output
1 = Pre-drilled thru hole, location: bottom (30A=3/4", 40A=1", 60A=1-1/4")

Breather/drain
0 = No drain
S = NEMA Type 4X stainless steel breather drain

Auxiliary contacts
(40A & 60A models only)
0 = No Aux. contact
A = Aux. contacts

Enclosure type
None = Type 304 Stainless steel
(-316) = Type 316 Stainless steel

Specification information: X-switch series: E-44
Compliances, specifications and availability are subject to change without notice.

Indicates NAFTA compliant - Page Q-32

X-switch motor controllers & disconnects

Product description

3-pole, 3-phase
30A, 40A or 60A, 600V/AC max.
NEMA Type 4X

Industrial grade complex environment switch technical specs

Short circuit current ratings

30A X-switch SCCR:
Suitable for use as a motor disconnect with the following short-circuit current ratings:

- 5,000 RMS symmetrical amps, 600V/AC max when protected with 30A class RK5 fuses
- 50,000 RMS symmetrical amps, 600V/AC max. when protected with 30A class J fuses

40A X-switch SCCR:
Suitable for use as a motor disconnect with the following short-circuit current ratings:

- 5,000 RMS symmetrical amps, 600V/AC max when protected with 40A class RK5 fuses
- 50,000 RMS symmetrical amps, 600V/AC max. when protected with 40A class J fuses

60A X-switch SCCR:
Suitable for use as a motor controller with the following short-circuit current ratings:

- 5,000 RMS symmetrical amps, 600V/AC max when protected with 60A class RK5 fuses
- 50,000 RMS symmetrical amps, 600V/AC max. when protected with 60A class J fuses

Horsepower ratings for motor loads per UL508

Poles/phase	X-switch amperage	Voltage	Horsepower rating 120V/AC	240V/AC	480V/AC	600V/AC
3-Pole, 3-phase	30A	600V/AC	3 HP	7.5 HP	15 HP	15 HP
3-Pole, 3-phase	40A	600V/AC	3 HP	7.5 HP	15 HP	20 HP
3-Pole, 3-phase	60A	600V/AC	5 HP	10 HP	25 HP	30 HP

Auxiliary contacts rating information (switching duty)

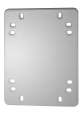
Voltage	Non-inductive load Resistive load	Lamp load	Inductive load Inductive load	Motor load
250V/AC	10A	1.5A	6A	2A
8V/DC	10A	3A	6A	3A
30V/DC	6A	3A	6A	3A
125V/DC	0.6A	0.1A	0.6A	0.1A
250V/DC	0.3A	0.05A	0.3A	0.05A

UL/IEC/EN 61058-1

Accessories for X-switch

Description	Catalog no.	
Stainless steel breather drain	☐ AH7810XC-SSBD	•
30A X-switch adapter plate (for mounting to hole locations of Hubbell HBLDS3)	☐ AH7810XC-APH	•
X-switch 1" offset spacer kit	☐ AH7810XC-SPCR	
30A, 600V/AC motor controller & disconnect	☐ AH7810UD	•
40A, 600V/AC motor controller & disconnect	☐ AHMC340L	•
60A, 600V/AC motor controller	☐ AHMC360L	•
30A replacement cover	☐ SSXC30-COVER	•
40A replacement cover	☐ SSXC40-COVER	•
60A replacement cover	☐ SSXC60-COVER	•

AH7810XC-SSBD


AH7810XC-APH

SSXC40-COVER

Specification information: X-switch series: E-44
Compliances, specifications and availability are subject to change without notice.

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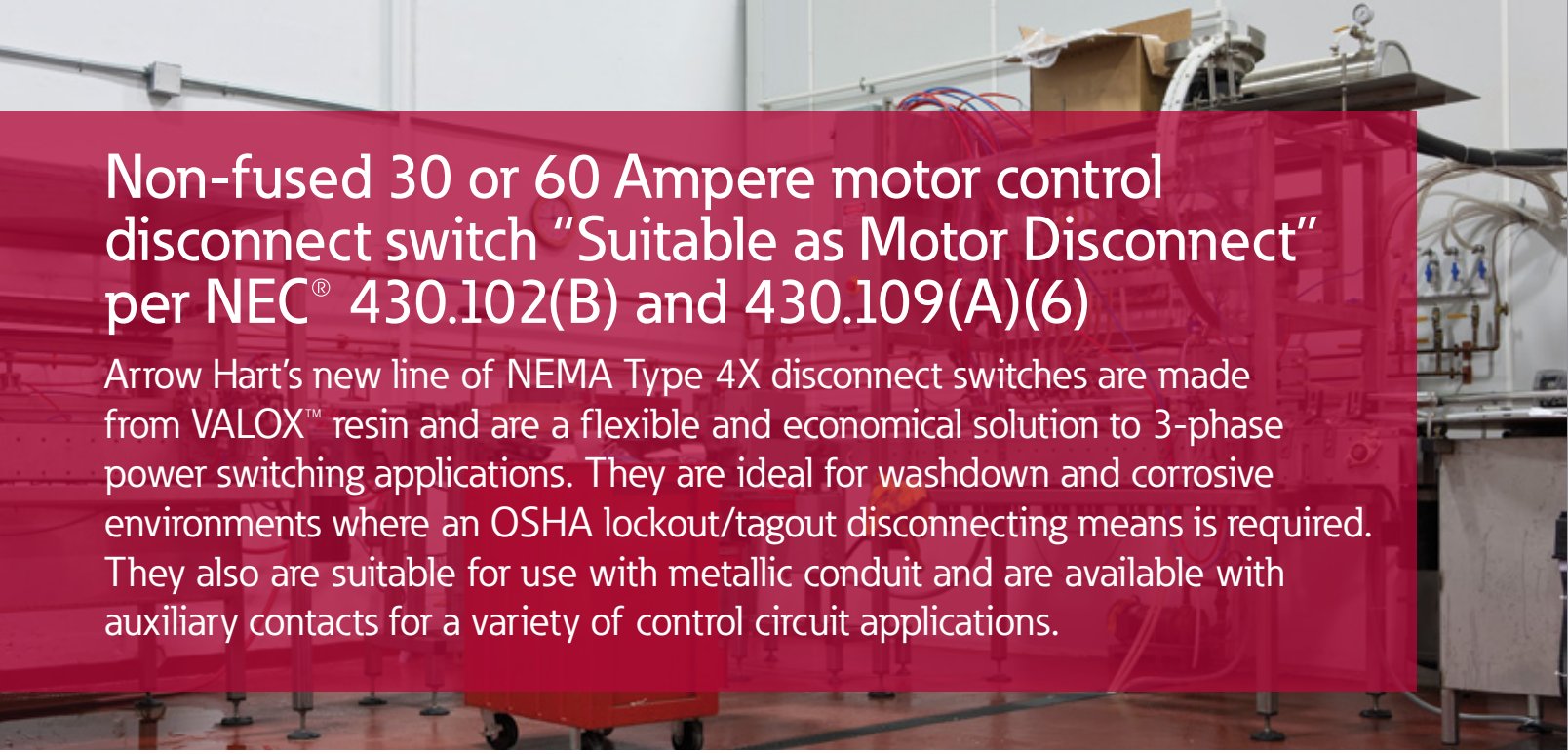


Non-fused 30 or 60 Ampere motor control disconnect switch "Suitable as Motor Disconnect" per NEC® 430.102(B) and 430.109(A)(6)

Arrow Hart's new line of NEMA Type 4X disconnect switches are made from VALOX™ resin and are a flexible and economical solution to 3-phase power switching applications. They are ideal for washdown and corrosive environments where an OSHA lockout/tagout disconnecting means is required. They also are suitable for use with metallic conduit and are available with auxiliary contacts for a variety of control circuit applications.

Motor control disconnect switch (non-fused)

Features & benefits

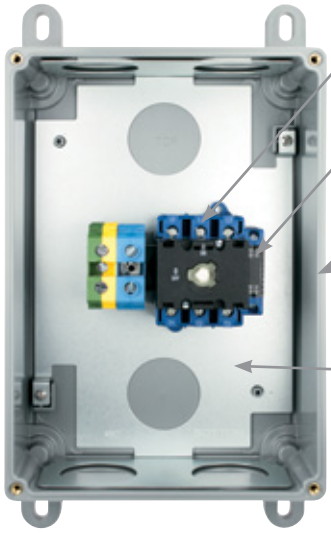
Optional 1/4" gap or flush mount feet for easy washdown

Captivated, combination head stainless steel screws for long life and easy access

Thermoplastic enclosure made from VALOX™ resin provides high impact strength and excellent corrosion resistance

High-visibility red handle can be padlocked to meet OSHA lockout/tagout requirements

Adjustable mounting feet for flexible positioning options



Heavy-duty industrial switches designed for long life

Optional auxiliary contact for PLC and VFD applications available

One piece gasket provides superior watertight protection and easy cleaning

Integrated grounding plate and DIN rail mounting allows automatic grounding and easy installation

NSF Listed for use in food processing areas per NSF 3-A 14159-1 standard

Motor control disconnect switch

AH DS ___ ___

3-pole, 30A or 60A, 600V/AC

Motor control disconnect switch Sample number:
AH30AC

Arrow Hart	Disconnect switch	Amperage	Options
		30 = 30 amps **60** = 60 amps	**AC** = Auxillary contacts (1 NO and 1 NC) **VFD** = Aux contacts for variable frequency drive (early-break)

VALOX™ is a registered trademark of SABIC or its affiliates or subsidiaries

Compliances, specifications and availability are subject to change without notice.

Motor control disconnect switch (non-fused)

Non-fused 30 or 60 ampere motor control disconnect switch

Product description

3-pole, 3-phase
30A or 60A, 600V/AC max.
NEMA Type 4X, 12 & IP67

30A disconnect switch

60A disconnect switch

Features

- Durable, NEMA Type 4X thermoplastic enclosure made from Valox™ resin is ideally suited to withstand corrosive environments
- Compact size and small footprint designed for installation versatility
- Can be padlocked to conform to OSHA lock-out, tag-out 1910.147 requirements
- Robust mounting feet provide either flush mount or 1/4" spacing allowing washdown behind the enclosure (NEC® 300.6(D))
- Mounting feet are adjustable for flexible horizontal or vertical positioning
- DIN rail and integrated grounding plate allow easy installation
- Two Myers hubs are included to compliment NEMA Type 4X installation
- Heavy duty switch designed to deliver dependability, long life, and excellent electrical continuity
- Auxiliary contact option available (early make, late break)
- Auxiliary contact for variable frequency drive (VFD) application is also available (late make, early break)
- Both auxiliary contacts come with one set of Normally Open (NO) and one set of Normally Closed (NC) contacts
- Durable lever handle and switch mechanism will withstand repeated use in harsh environments
- Short circuit current ratings up to 65kA

Motor control disconnect switches

Rating A	Rating V/AC	Description	Catalog no.	RoHS
30	600 max.	30A disconnect switch	☐ AHDS30	•
		30A disconnect switch aux contacts	☐ AHDS30AC	•
		30A disconnect switch var freq drive	☐ AHDS30VFD	•
60	600 max.	60A disconnect switch	☐ AHDS60	•
		60A disconnect switch aux contacts	☐ AHDS60AC	•
		60A disconnect switch var freq drive	☐ AHDS60VFD	•

Horsepower ratings

Voltage	30A	60A
1Ø 120V	1	2
1Ø 220-240V	3	5
1Ø 277V	3	7.5
1Ø 440-480V	5	10
3Ø 220-240V	5	10
3Ø 440-480V	10	20
3Ø 600V	10	20

Accessories for motor control disconnect switches

Description	Catalog no.	RoHS
Replacement switch 30A	☐ AHDS30RS	•
Replacement aux contact - PLC 30A	☐ AHDS30RAC	•
Replacement aux contact - VFD 30A	☐ AHDS30RVFD	•
Replacement neutral terminal 30A	☐ AHDS30RNT	•
Replacement ground terminal 30A	☐ AHDS30RGT	•
Replacement top cover assembly 30A	☐ AHDS30RTCA	•
Replacement top cover assembly 30A PLC	☐ AHDS30RTCAP	•
Replacement top cover assembly 30A VFD	☐ AHDS30RTCAV	•
Replacement mounting feet - standard 30A	☐ AHDS30RMFS	•
Replacement mounting feet - flush 30A	☐ AHDS30RMFF	•
Replacement switch 60A	☐ AHDS60RS	•
Replacement aux contact - PLC 60A	☐ AHDS60RAC	•
Replacement aux contact - VFD 60A	☐ AHDS60RVFD	•
Replacement neutral terminal 60A	☐ AHDS60RNT	•
Replacement ground terminal 60A	☐ AHDS60RGT	•
Replacement top cover assembly 60A	☐ AHDS60RTCA	•
Replacement top cover assembly 60A PLC	☐ AHDS60RTCAP	•
Replacement top cover assembly 60A VFD	☐ AHDS60RTCAV	•

Specification information: X-switch series: E-44
Compliances, specifications and availability are subject to change without notice.

RoHS compliant - Page Q-32

Industrial grade enclosed manual disconnects

Product description

Single-phase & 3-phase
100A, 600V/AC max.

AH100MS2-M2

Non-fused disconnect switches, 3-phase

Rating A	Rating V/AC	Description	Catalog no.	
100	600	Non-fused disconnect switch with auxiliary contacts	☐ AH100MS2-M2	•

Horsepower rated for motor loads per UL508

	240V/AC	480V/AC	600V/AC
3-Phase, HP	25	50	50

Compliances, specifications and availability are subject to change without notice.

RoHS compliant - Page Q-32

Bussmann fused rotary disconnects

ER4P-30J3PB

ER4P-60J3PB

Product description

3-pole, 3-phase
30A or 60A, 600V/AC max.
NEMA Type 4X, 12

Features

- Lock/tagout: Up to three ¼" shank padlocks can be installed on external handles
- Multiple field installed accessories to enhance the enclosed disconnect switches to fit the desired application
- Auxiliary contacts
- NEMA Type 4X polycarbonate construction
- Uses class J fuses such as Bussmann LPJ
- UL98 Listed for general purpose, main disconnect, or branch circuit protection up to 600V/AC file E182262
- UL508 Listed for motor disconnect applications up to 600V/AC File E155129
- cULus Listed to CSA Standard 22.2, No. 14, No. 4
- Conforms with IEC 60947-3

Bussmann fused rotary disconnect switches

Rating A	Rating V/AC	Description	Max. HP rating	Catalog no.	RoHS
30	600 max.	30A fused rotary disconnect switch	20	☐ ER4P-30J3PB	•
60	600 max.	60A fused rotary disconnect switch	50	☐ ER4P-60J3PB	•

Compliances, specifications and availability are subject to change without notice.

RoHS compliant - Page Q-32

Industrial AC toggle switches specification & performance data

Industrial grade AC toggle switches

Product description

Single-pole, double-pole, 3-way, 4-way
15A & 20A, 120/277V/AC; 15 & 20A, 347V/AC
30A, 120/377V/AC

Switch type	Industrial 15A & 20A 120/277V toggle switches: AH1200 & AH1220 series	Industrial 15A & 20A 347V toggle switches: AH18200 series	Industrial 30A 120/277V toggle switches: 3030 series
Wiring type	Back & side wire	Back & side wire	Back & side wire
Testing & code compliance	• cULus Listed to UL20, file no. E18704 • UL verified to Fed Spec WS-896-E • CSA certified to C22.2, no. 111, file no. 10016 (6241-05)	• Listed to UL20, file no. E135162 • UL verified to Fed Spec WS-896-E • CSA certified to C22.2, no. 111, file no. 12339 (6241-05)	• cULus Listed to UL20, file no. E18704 • UL verified to Fed Spec WS-896-E • CSA certified to C22.2, no. 111, file no. 10016 (6241-05)
Environmental specifications	**Flammability:** Meets UL94 requirements; V2 rated **Temperature rating:** -20°C to 60°C (-4°F to 140°F)	**Flammability:** Meets UL94 requirements; V0 rated **Temperature rating:** -20°C to 60°C (-4°F to 140°F)	**Flammability:** Meets UL94 requirements; V0 rated **Temperature rating:** -20°C to 60°C (-4°F to 140°F)
Electrical specifications	**Dielectric voltage:** Withstands 1500V per UL20 **Current interrupting:** Yes, at full-rated current **Temperature rise:** Max. 30°C (86°F) after 100 cycles of overload and 30,000 cycles of endurance testing	**Dielectric voltage:** Withstands 1500V per UL20 **Current interrupting:** Yes, at full-rated current **Temperature rise:** Max. 30°C (86°F) after 100 cycles of overload and 30,000 cycles of endurance testing	**Dielectric voltage:** Withstands 1500V per UL20 **Current interrupting:** Yes, at full-rated current **Temperature rise:** Max. 30°C (86°F) after 100 cycles of overload and 30,000 cycles of endurance testing
Mechanical specifications	**Terminal accommodation:** #14 - #10 AWG **Voltage ratings:** Permanently marked on device **Horsepower ratings:** Rated for motor loads per UL20: 15A: @ 120V/AC = 1/2 HP, @ 240V/AC = 2 HP; @ 277V/AC = 2 HP, max. amps 12A, 20A: @ 120V/AC = 1 HP, @ 240V/AC = 2 HP; @ 277V/AC = 2 HP, max. amps 16A	**Terminal accommodation:** #14 - #10 AWG **Voltage ratings:** Permanently marked on device **Horsepower ratings:** Rated for motor loads per UL20: 15A: @ 120V/AC = 1/2 HP, @ 240V/AC = 2 HP; @ 277V/AC = 2 HP, max. amps 12A, 20A: @ 120V/AC = 1 HP, @ 240V/AC = 2 HP; @ 277V/AC = 2 HP, max. amps 16A	**Terminal accommodation:** #14 - #10 AWG **Voltage ratings:** Permanently marked on device **Horsepower ratings:** Rated for motor loads per UL20: 30A: @ 120V/AC = 1 HP, @ 240V/AC = 2 HP; @ 277V/AC = 2 HP, max. amps 24A
Materials	**Toggle:** Nylon **Top housing:** Polycarbonate **Bottom housing:** Polycarbonate **Strap:** 0.045" thick galvanized steel, nickel plated **Auto ground clip:** 0.015" thick brass **Terminals:** 0.030" thick brass **Terminal screws:** #10-32 brass, black **Ground screw:** #8-32 steel, zinc plated, green **Back wire clamp:** 0.070" plated steel **Contacts:** Silver alloy **Moveable contact arm:** 0.031" thick brass **Illuminated models:** Long-life neon bulb **Pilot light models:** Red polycarbonate toggle with long-life neon bulb	**Toggle:** Polycarbonate **Top housing:** Phenolic **Bottom housing:** Phenolic **Strap:** 0.050" thick galvanized steel **Auto ground clip:** 0.016" thick brass **Terminals:** 0.032" thick high performance copper alloy **Terminal screws:** #10-32 brass, black **Ground screw:** #8-32 steel, zinc plated, green **Back wire clamp:** 0.04" thick brass **Contacts:** Silver alloy **Moveable contact arm:** 0.031" thick brass **Illuminated models:** N/A **Pilot light models:** N/A	**Toggle:** Nylon **Top housing:** Polycarbonate **Bottom housing:** Polycarbonate **Strap:** 0.045" thick galvanized steel, nickel plated **Auto ground clip:** 0.015" thick brass **Terminals:** 0.030" thick high performance copper alloy **Terminal screws:** #10-32 brass, neutral screw nickel plated **Ground screw:** #8-32 steel, zinc plated, green **Back wire clamp:** 0.070" plated steel **Contacts:** Silver alloy **Moveable contact arm:** 0.031" thick brass **Illuminated models:** Long-life neon bulb **Pilot light models:** Red polycarbonate toggle with LED

Compliances, specifications and availability are subject to change without notice.

All products on this page are RoHS compliant - Page Q-32

Industrial 3-position AC toggle switches specification & performance data

Industrial grade three-position AC toggle switches

Product description

Single-pole & double-pole
15A, 20A & 30A, 120/277V/AC
Maintained & momentary contact

Switch type	Industrial 15A & 20A 120/277V maintained contact switches: 1205 & 2220 series	Industrial 15A & 20A 120/277V momentary contact switches: AH1890 & AH1990 series
Wiring type	Back & side wire	Back & side wire
Testing & code compliance	• 1205: Listed to UL508, file no. E156836 • 2220 series: cULus Listed to UL210, file no. E18704 • 2220 series: UL verified to Fed Spec WS-896 • 1205: CSA certified C22.1, no.111 • NOM certified	• Listed to UL508, file no. E135162 • UL verified to Fed Spec WS-896E • CSA certified C22.1, no. 111 • NOM certified
Environmental specifications	**Flammability:** Meets UL94 requirements; V2 rated **Temperature rating:** -20°C to 65°C (-4°F to 149°F)	**Flammability:** Meets UL94 requirements; V0 rated **Temperature rating:** -20°C to 60°C (-4°F to 140°F)
Electrical specifications	**Dielectric voltage:** Withstands 1500V per UL20 **Current interrupting:** Yes, at full-rated current **Temperature rise:** Max. 30°C (86°F) after 100 cycles of overload and 30,000 cycles of endurance testing	**Dielectric voltage:** Withstands 1500V per UL20 **Current interrupting:** Yes, at full-rated current **Temperature rise:** Max. 30°C (86°F) after 100 cycles of overload and 30,000 cycles of endurance testing
Mechanical specifications	**Terminal accommodation:** #14 - #10 AWG **Voltage ratings:** Permanently marked on device **Horsepower ratings:** Rated for motor loads per UL20: 15A: @ 120V/AC = 1/2 HP, @ 240V/AC = 2 HP; @ 277V/AC = 2 HP, max. amps 12A, 20A: @ 120V/AC = 1 HP, @ 240V/AC = 2 HP; @ 277V/AC = 2 HP, max. amps 16A	**Terminal accommodation:** #14 - #10 AWG **Voltage ratings:** Permanently marked on device **Horsepower ratings:** Rated for motor loads per UL20: 15A: @ 120V/AC = 1/2 HP, @ 240V/AC = 2 HP; @ 277V/AC = 2 HP, max. amps 12A, 20A: @ 120V/AC = 1 HP, @ 240V/AC = 2 HP; @ 277V/AC = 2 HP, max. amps 16A
Materials	**Toggle:** Urea **Top housing:** Urea **Bottom housing:** Phenolic **Strap:** 0.05" thick steel **Auto ground clip:** 0.016" thick brass **Terminals:** 0.032" thick brass **Terminal screws:** #8-32 brass **Ground screw:** #8-32 brass, green **Back wire clamp:** 0.031" thick brass **Contacts:** Silver alloy **Moveable contact arm:** 0.032" thick brass **Pressure plate:** 0.069" thick brass **Illuminated models:** N/A **Pilot light models:** N/A	**Toggle:** Polycarbonate **Top housing:** Urea **Bottom housing:** Urea **Strap:** 0.05" thick galvanized steel **Auto ground clip:** 0.016" thick brass **Terminals:** 0.032" thick high performance copper alloy **Terminal screws:** #10-32 brass **Ground screw:** #8-32 steel, zinc plated, green **Back wire clamp:** 0.04" thick brass **Contacts:** Silver alloy **Moveable contact arm:** 0.018" thick copper **Pressure plate:** 0.063" thick steel **Illuminated models:** N/A **Pilot light models:** N/A

Compliances, specifications and availability are subject to change without notice.

All products on this page are RoHS compliant - Page Q-32

Industrial AC locking switches specification & performance data

Industrial grade AC locking switches

Product description

Single-pole, double-pole, 3-way, 4-way
15A & 20A, 120/277V/AC; 15 & 20A, 347V/AC
30A, 120/377V/AC

Switch type	Industrial 20A 120/277V Corbin locking switches AH1190N series	Industrial 15A & 20A 120/277V locking switches AH1200L & AH1220L series	Industrial 30A 120/277V locking switches 3030L series
Wiring type	Back & side wire	Back & side wire	Back & side wire
Testing & code compliance	• cULus Listed to UL20, file no. E135162 • UL verified to Fed Spec WS-896E	• cULus Listed to UL20, file no. E18704 • UL verified to Fed Spec WS-896E	• cULus Listed to UL20, file no. E18704 • UL verified to Fed Spec WS-896E • NOM certified
Environmental specifications	**Flammability:** Meets UL94 requirements; V0 rated **Temperature rating:** -20°C to 65°C (-4°F to 149°F)	**Flammability:** Meets UL94 requirements; V0 rated **Temperature rating:** -20°C to 65°C (-4°F to 149°F)	**Flammability:** Meets UL94 requirements; V0 rated **Temperature rating:** -20°C to 65°C (-4°F to 149°F)
Electrical specifications	**Dielectric voltage:** Withstands 1500V per UL20 **Current interrupting:** Yes, at full-rated current **Temperature rise:** Max. 30°C (86°F) after 100 cycles of overload and 30,000 cycles of endurance testing	**Dielectric voltage:** Withstands 1500V per UL20 **Current interrupting:** Yes, at full-rated current **Temperature rise:** Max. 30°C (86°F) after 100 cycles of overload and 30,000 cycles of endurance testing	**Dielectric voltage:** Withstands 1500V per UL20 **Current interrupting:** Yes, at full-rated current **Temperature rise:** Max. 30°C (86°F) after 100 cycles of overload and 30,000 cycles of endurance testing
Mechanical specifications	**Terminal accommodation:** #14 - #12 AWG **Voltage ratings:** Permanently marked on device **Horsepower ratings:** Rated for motor loads per UL20: 20A: @ 120V/AC = 1 HP, @ 240V/AC = 2 HP; @ 277V/AC = 2 HP, max. amps 16A	**Terminal accommodation:** #14 - #10 AWG **Voltage ratings:** Permanently marked on device **Horsepower ratings:** Rated for motor loads per UL20: 15A: @ 120V/AC = 1/2 HP, @ 240V/AC = 2 HP; @ 277V/AC = 2 HP, max. amps 12A 20A: @ 120V/AC = 1 HP, @ 240V/AC = 2 HP; @ 277V/AC = 2 HP, max. amps 16A	**Terminal accommodation:** #14 - #10 AWG **Voltage ratings:** Permanently marked on device **Horsepower ratings:** Rated for motor loads per UL20: 30A: @ 120V/AC = 2 HP, @ 240V/AC = 2 HP; @ 277V/AC = 2 HP, max. amps 24A
Materials	**Lock dome/housing:** Steel, nickel plated **Top housing:** Urea **Bottom housing:** Urea **Strap:** 0.05" steel **Auto ground clip:** N/A **Stationary terminals:** 0.042" thick brass **Terminal screws:** #6-32 brass **Ground screw:** #6-32 brass **Back wire clamp:** 0.062" thick steel **Contacts:** Silver alloy **Moveable contact arm:** 0.042" thick brass	**Lock dome/housing:** Glass-filled nylon **Top housing:** Urea **Bottom housing:** Phenolic **Strap:** 0.050" thick steel **Auto ground clip:** 0.030" thick brass **Stationary terminals:** 0.032" thick brass **Terminal screws:** #8-32 brass **Ground screw:** #8-32 steel, zinc plated, green **Back wire clamp:** 0.030" thick brass **Contacts:** Silver alloy **Moveable contact arm:** 0.031" thick brass	**Lock dome/housing:** Glass-filled nylon **Top housing:** Urea **Bottom housing:** Phenolic **Strap:** 0.050" thick steel **Auto ground clip:** 0.030" thick brass **Stationary terminals:** 0.032" thick brass **Terminal screws:** #8-32 brass, neutral screw, nickel plated **Ground screw:** #8-32 steel, zinc plated, green **Back wire clamp:** 0.030" thick brass **Contacts:** Silver alloy **Moveable contact arm:** 0.032" thick brass

Compliances, specifications and availability are subject to change without notice.

All products on this page are RoHS compliant - Page Q-32

Industrial, construction & commercial grade ArrowLink modular switches

Product description

Single-pole
15A, 120/277V/AC
20A, 120/277V/AC

Switch type	Industrial grade toggle: AH1201_M, AH1221_M series;	Commercial grade decorator: 7600_M series;
Wiring type	Back & side wire	Back & side wire
Testing & code compliance	• cULus Listed to UL20, file no. E18704 • UL verified to Fed Spec WS-896 • NOM certified	• cULus Listed to UL20, file no. E18704 • UL verified to Fed Spec WS-896
Environmental specifications	**Flammability:** Meets UL94 requirements; V0 rated **Temperature rating:** -20°C to 65°C (-4°F to 149°F)	**Flammability:** Meets UL94 requirements; V0 rated **Temperature rating:** -20°C to 60°C (-4°F to 140°F)
Electrical specifications	**Max. working voltage, continuous current & endurance:** Maximum working voltage 277V/AC Max. cont. current: 15A, 20A Endurance: 50,000 cycles min. **Overload:** Minimum 4.8 times rated current for 100 cycles **Temperature rise:** Max. 30°C (86°F) after 250 cycles of overload @ 200% of rated current (DC) **Horsepower ratings:** Horsepower rated for motor loads per UL20: 15A @ 120V/AC = 1/2 HP; @ 240V/AC = 2 HP, @ 277V/AC = 2 HP, 20A @ 120V/AC = 1 HP; @ 240V/AC = 2 HP, @ 277V/AC = 2 HP	**Max. working voltage, continuous current & endurance:** Maximum working voltage 277V/AC Max. cont. current: 15A, 20A Endurance: 50,000 cycles min. **Overload:** Minimum 4.8 times rated current for 100 cycles **Temperature rise:** Max. 30°C (86°F) after 100 cycles of overload & 30,000 cycles of endurance **Horsepower ratings:** Horsepower rated for motor loads per UL20: 15A @ 120V/AC = 1/2 HP; @ 240V/AC = 2 HP, @ 277V/AC = 2 HP, 20A @ 120V/AC = 1 HP; @ 240V/AC = 2 HP, @ 277V/AC = 2 HP
Mechanical specifications	**Terminal accommodation:** #14 - #10 AWG **Voltage ratings:** Permanently marked on device	**Terminal accommodation:** #14 - #10 AWG **Voltage ratings:** Permanently marked on device
Materials	**Toggle/paddle:** Urea **Top & bottom housing:** Top: Urea; Bottom: Phenolic **Strap:** 0.050" thick galvanized steel **Auto ground clip:** 0.030" thick brass **Terminals:** 0.031" thick brass **Terminal & ground screws:** #8-32 brass, black screw; ground: #8-32 steel, zinc plated, green **Contacts:** Silver alloy **Moveable contact arm:** 0.031" thick brass **Pressure plate:** 0.068" thick brass **Illuminated models:** Long-life neon bulb	**Toggle/paddle:** Polycarbonate **Top & bottom housing:** Top: polycarbonate; Bottom: 0.045" thick PVC **Strap:** 0.050" thick steel, zinc plated, (yellow chromate on 20A) **Auto ground clip:** Phosphor bronze wire **Terminals:** 0.035" thick brass **Terminal & ground screws:** #8-32 steel, brass plated; neutral screw nickel plated, ground screw, green **Contacts:** Silver alloy **Moveable contact arm:** 0.035" thick brass **Pressure plate:** 0.035" thick brass **Illuminated models:** Long-life neon bulb

Commercial decorator switches specification & performance data

Commercial grade decorator switches

Product description

Single-pole, double-pole, 3-way, 4-way
15A & 20A, 120/277V/AC
15A, 120/277V/AC with 15A, 125V/AC receptacle

Switch type	Commercial 15A & 20A 120/277V decorator switches: 7600 series	Commercial 15A 120/277V decorator combination switches: 7700 series	Commercial 15A 120/277V - 15A, 125V decorator combination switch & receptacle: TR7730
Wiring type	Back & side wire	Back & side wire	Back & side wire
Testing & code compliance	• cULus Listed to UL20, file no. E18704 • UL verified to Fed Spec WC-896E	• cULus Listed to UL20/UL498, file no. E18704 (combination)	• cULus Listed to UL20/UL498, file no. E18704 (combination)
Environmental specifications	**Flammability:** Meets UL94 requirements; V2 rated **Temperature rating:** -20°C to 60°C (-4°F to 140°F)	**Flammability:** Meets UL94 requirements; V2 rated **Temperature rating:** -20°C to 60°C (-4°F to 140°F)	**Flammability:** Meets UL94 requirements; V2 rated **Temperature rating:** -20°C to 60°C (-4°F to 140°F)
Electrical specifications	**Dielectric voltage:** Withstands 1500V per UL20 **Current interrupting:** Yes, at full-rated current **Temperature rise:** Max. 30°C (86°F) after 100 cycles of overload and 30,000 cycles of endurance testing	**Dielectric voltage:** Withstands 1500V per UL20 **Current interrupting:** Yes, at full-rated current **Temperature rise:** Max. 30°C (86°F) after 100 cycles of overload and 30,000 cycles of endurance testing	**Dielectric voltage:** Withstands 1500V per UL20 **Current interrupting:** Yes, at full-rated current **Temperature rise:** Switch: Max. 30°C (86°F) after 100 cycles of overload and 30,000 cycles of endurance testing. Receptacle: Max. 30°C (86°F) after 100 cycles of overload at 150% of rated current (DC)
Mechanical specifications	**Terminal accommodation:** #14 - #10 AWG **Voltage ratings:** Permanently marked on device **Horsepower ratings:** Rated for motor loads per UL20; 15A: @ 120V/AC = 1/2 HP, @ 240V/AC = 2 HP; @ 277V/AC = 2 HP, max. amps 12A, 20A: @ 120V/AC = 1 HP, @ 240V/AC = 2 HP; @ 277V/AC = 2 HP, max. amps 16A	**Terminal accommodation:** #14 - #10 AWG **Voltage ratings:** Permanently marked on device **Horsepower ratings:** Rated for motor loads per UL20; 15A: @ 120V/AC = 1/2 HP, @ 240V/AC = 2 HP; @ 277V/AC = 2 HP, max. amps 12A	**Terminal accommodation:** #14 - #12 AWG **Voltage ratings:** Permanently marked on device **Horsepower ratings:** Switch rated for motor loads per UL20; 15A: @ 120V/AC = 1/2 HP, @ 240V/AC = 2 HP; @ 277V/AC = 2 HP, max. amps 12A
Materials	**Paddle:** Polycarbonate **Top housing:** Polycarbonate **Bottom housing:** PVC **Strap:** 0.045" thick steel, zinc plated, (yellow chromate on 20A) **Auto ground clip:** Phosphor bronze **Terminals:** 0.035" thick brass **Terminal screws:** #8-32 steel with #10 head, brass plated; neutral screw nickel plated **Ground screw:** #8-32 steel, brass plated, green **Back wire clamp:** Steel, brass plated **Contacts:** Silver alloy **Moveable contact arm:** Brass **Illuminated models:** Long-life neon bulb **Pilot light models:** Red polycarbonate pilot lens with long-life neon bulb **Receptacle line contacts:** N/A **Receptacle ground shunt:** N/A	**Paddle:** PVC **Top housing:** PVC **Bottom housing:** PVC **Strap:** 0.045" thick steel, zinc plated **Auto ground clip:** Phosphor bronze **Terminals:** 0.03" thick brass **Terminal screws:** #8-32 steel, brass plated; neutral screw nickel plated **Ground screw:** #8-32 steel, brass plated, green **Back wire clamp:** Steel, brass plated **Contacts:** Silver alloy **Moveable contact arm:** Brass **Illuminated models:** N/A **Pilot light models:** N/A **Receptacle line contacts:** N/A **Receptacle ground shunt:** N/A	**Paddle:** PVC **Top housing:** PVC **Bottom housing:** PVC **Strap:** 0.045" thick steel, zinc plated **Auto ground clip:** Phosphor bronze **Terminals:** 0.03" thick brass **Terminal screws:** #8-32 steel, brass plated; neutral screw nickel plated **Ground screw:** #8-32 steel, brass plated, green **Back wire clamp:** Steel, brass plated **Contacts:** Silver alloy **Moveable contact arm:** Brass **Illuminated models:** N/A **Pilot light models:** N/A **Receptacle line contacts:** 0.03" thick brass **Receptacle ground shunt:** 0.03" thick brass

Compliances, specifications and availability are subject to change without notice.

All products on this page are RoHS compliant - Page Q-32

Commercial grade toggle switches

Product description

Single-pole, double-pole, 3-way, 4-way
15A & 20A, 120/277V/AC
15A, 120/277V/AC with 15A, 125V/AC receptacle

Switch type	Commercial 15A & 20A 120/277V toggle switches: CSB series	Commercial 15A & 20A 120/277V toggle switches: CS series	Commercial 15A toggle combination switches: 270 series, 294	Commercial 15A 120 - 15A, 125V toggle combo switch & receptacle: TR274, TR291, TR293
Wiring type	Back & side wire	Side wire	Back & side wire	Back & side wire
Testing & code compliance	• cULus Listed to UL20, file no. E18704 • UL verified to Fed Spec WC-896G	• cULus Listed to UL20, file no. E18704 • UL verified to Fed Spec WC-896G • CSA certified to C22.2, no. 11 file no. 10016 (6241-05)	• cULus Listed to UL20, file no. E18704 (combination) • CSA certified to C22.2, no. 11 file no. 10016 (6241-05) • NOM certified	• Listed to UL20/UL498, file no. E18704 (combination) • NOM certified, except 291
Environmental specifications	**Flammability:** Meets UL94 requirements; V0 rated **Temperature rating:** -20°C to 60°C (-4°F to 140°F)	**Flammability:** Meets UL94 requirements; V0 rated **Temperature rating:** -20°C to 60°C (-4°F to 140°F)	**Flammability:** Meets UL94 requirements; V2 rated **Temperature rating:** -20°C to 60°C (-4°F to 140°F)	**Flammability:** Meets UL94 requirements; V2 rated **Temperature rating:** -20°C to 60°C (-4°F to 140°F)
Electrical specifications	**Dielectric voltage:** Withstands 1500V per UL20 **Current interrupting:** Yes, at full-rated current **Temperature rise:** Max. 30°C (86°F) after 100 cycles of overload and 50,000 cycles of endurance testing	**Dielectric voltage:** Withstands 1500V per UL20 **Current interrupting:** Yes, at full-rated current **Temperature rise:** Max. 30°C (86°F) after 100 cycles of overload and 50,000 cycles of endurance testing	**Dielectric voltage:** Withstands 1500V per UL20 **Current interrupting:** Yes, at full-rated current **Temperature rise:** Max. 30°C (86°F) after 100 cycles of overload and 30,000 cycles of endurance testing	**Dielectric voltage:** Switch: Withstands 1500V per UL20 Receptacle: Withstands 2000V per UL498 **Current interrupting:** Yes, at full-rated current **Temperature rise:** Switch: Max. 30°C (86°F) after 100 cycles of overload and 30,000 cycles of endurance testing Receptacle: Max. 30°C (86°F) after 100 cycles of overload at 150% of rated current (DC)
Mechanical specifications	**Terminal accommodation:** #14 - #10 AWG **Voltage ratings:** Permanently marked on device **Horsepower ratings:** Rated for motor loads per UL20: 15A: @ 120V/AC = 1/2 HP, @ 240V/AC = 2 HP; @ 277V/AC = 2 HP, max. amps 12A. 20A: @ 120V/AC = 1 HP, @ 240V/AC = 2 HP; @ 277V/AC = 2 HP, max. amps 16A	**Terminal accommodation:** #14 - #10 AWG **Voltage ratings:** Permanently marked on device **Horsepower ratings:** Rated for motor loads per UL20: 15A: @ 120V/AC = 1/2 HP, @ 240V/AC = 2 HP; @ 277V/AC = 2 HP, max. amps 12A. 20A: @ 120V/AC = 1 HP, @ 240V/AC = 2 HP; @ 277V/AC = 2 HP, max. amps 16A	**Terminal accommodation:** #14 -#12 AWG **Voltage ratings:** Permanently marked on device **Horsepower ratings:** Rated for motor loads per UL20: 15A: @ 120V/AC = 1/2 HP, @ 240V/AC = 2 HP; @ 277V/AC = 2 HP, max. amps 12A	**Terminal accommodation:** #14 -#12 AWG **Voltage ratings:** Permanently marked on device **Horsepower ratings:** Switch rated for motor loads per UL20: 15A: @ 120V/AC = 1/2 HP, @ 240V/AC = 2 HP; @ 277V/AC = 2 HP, max. amps 12A
Materials	**Toggle:** Nylon **Top housing:** PVC **Bottom housing:** PVC **Strap:** 0.045" thick steel, zinc plated **Terminals:** 0.031" thick brass **Terminal screws:** #8-32 steel, brass plated or zinc plated **Ground screw:** #8-32 steel, zinc plated, green **Back wire clamp:** Brass **Contacts:** Silver alloy **Moveable contact arm:** Brass **Pilot light models:** N/A **Receptacle line contacts:** N/A **Receptacle ground shunt:** N/A	**Toggle:** Nylon **Top housing:** PVC **Bottom housing:** PVC **Strap:** 0.045" thick steel, zinc plated **Terminals:** 0.031" thick brass **Terminal screws:** #8-32 steel, brass plated or zinc plated **Ground screw:** #8-32 steel, zinc plated, green **Back wire clamp:** N/A **Contacts:** Silver alloy **Moveable contact arm:** Brass **Pilot light models:** N/A **Receptacle line contacts:** N/A **Receptacle ground shunt:** N/A	**Toggle:** Nylon **Top housing:** PVC **Bottom housing:** PVC **Strap:** 0.045" thick steel, zinc plated **Terminals:** 0.03" thick brass **Terminal screws:** #8-32 steel, brass plated; neutral screw nickel plated **Ground screw:** #8-32 steel, zinc plated, green **Back wire clamp:** Brass **Contacts:** Silver alloy **Moveable contact arm:** Brass **Pilot light models:** Red polycarbonate pilot lens with long-life neon bulb **Receptacle line contacts:** N/A **Receptacle ground shunt:** N/A	**Toggle:** Nylon **Top housing:** PVC **Bottom housing:** PVC **Strap:** 0.045" thick steel, zinc plated **Terminals:** 0.03" thick brass **Terminal screws:** #8-32 steel, brass plated; neutral screw nickel plated **Ground screw:** #8-32 steel, zinc plated, green **Back wire clamp:** Brass **Contacts:** Silver alloy **Moveable contact arm:** Brass **Pilot light models:** N/A **Receptacle line contacts:** 0.030" thick brass **Receptacle ground shunt:** 0.030" thick brass

Compliances, specifications and availability are subject to change without notice.

All products on this page are RoHS compliant - Page Q-32

ArrowLink modular switches specification & performance data

Arrowlink plugs & connectors

Product description

Single pole
15A & 20A
120/277V/AC

Device type	ArrowLink plugs & connectors: MCS120 series, MCS300 series
Wiring type	Integral wire leads, crimped & resistance welded
Testing & code compliance	• Plug & connector cULus Listed to UL2459 file no. E325188
Environmental specifications	**Flammability:** Meets UL94 requirements; V2 rated **Temperature rating:** -20°C to 70°C (-4°F to 158°F)
Electrical specifications	**Maximum working voltage** 300V / AC **Overload:** 52.5A / AC for 10 cycles **Temperature rise:** Max. 50°C (122°F) while conducting 35A after 10 cycles of overload @ 52.5A / AC **Dielectric voltage:** Withstands 1600V per UL2459 **Maximum continuous current:** 20A **Current interrupting:** Limited cycles at full-rated current
Mechanical specifications	**Wire Leads:** #12 AWG **Voltage ratings:** Permanently marked on device
Materials	Polycarbonate Copper alloy Solid or stranded THHN #12 AWG

Compliances, specifications and availability are subject to change without notice.

All products on this page are RoHS compliant - Page Q-32

Motor control disconnect switch (fused & non-fused) specification & performance data

Motor controllers & disconnects switches

Product description

3-pole, 3-phase
30A, 40A or 60A, 600V/AC max.

Device type	30A , 40A & 60A X-switch motor controllers & disconnects	30 & 60A - disconnect switches (non-fused)
Testing & code compliance	• cULus Listed to UL508, file no. E135083 • NSF evaluated for use in hose-down areas and to NSF/ANSI/3-A Standard 14159-1 Hygiene requirements for the design of meat and poultry processing equipment	• cULus Listed to UL60947-1 & UL60947-4, file no. E135083 • NSF evaluated for use in hose-down areas and to NSF/ANSI/3-A Standard 14159-1 Hygiene requirements for the design of meat and poultry processing equipment
Environmental specifications	**Flammability:** Meets UL94 requirements; rated 94-5V **Temperature rating:** -40°C to 105°C (-40°F to 221°F) **Protection:** NEMA Type 4X	**Flammability:** UL94 V0 and 5VA Classification **Temperature rating**:** Max continuous: +60°C (+140°F) Min continuous (without impact): -50°C (-58°F) **Water/moisture resistance:** NEMA Type 3, 3R, 4, 4X, 12 & IP67 **UV resistance:** All enclosure materials are UV stabilized
Electrical specifications	**Maximum continuous current:** 30A, 40A, 60A **Endurance, mechanical:** 10,000 cycles minimum **Endurance, electrical:** 6,000 cycles minimum **Short circuit current rating (SCCR):** Rated up to 50,000 RMS symmetrical amps, see chart **Motor loads:** Horsepower rated per UL508, see chart	**Dielectric voltage:** 2200V AC minimum **Max operating voltage:** 600V/AC **Short circuit current rating (SCCR)*:** 10,000 RMS symmetrical amps with RK1 fuse 65,000 RMS symmetrical amps with J fuse***
Mechanical specifications	**Terminal accommodation:** (30A) #14 - #10 AWG; (40A) #14 - #4 AWG; (60A) #14 - #4 AWG **Voltage ratings:** Permanently marked on device	**Impact resistance:** As per UL746C **Mechanical life:** 10,000 cycles minimum. **Terminal identification:** As per UL and CSA. **Product identification:** Identification and ratings are part of internal and external label. **Mounting:** External adjustable feet with three positions (0, 45 & 90 degrees) 30A - flush and non-flush mounting feet options
Material	**Enclosure - body:** 16 gauge type 304 or 316 Stainless steel **Mounting feet:** 11 gauge type 304 or 316 Stainless steel **Enclosure handle:** Red nylon thermoplastic **Enclosure - screws:** 300 Series stainless steel (captivated) **Lock-out/tag-out bracket:** 14 gauge type 304 or 316 Stainless steel **Enclosure gasket:** Silicone (closed cell) **Manual contactor terminal type:** 30A - front-wire screw termination; 40A & 60A - box lug termination **Manual contactor terminal screws:** Nickel plated 260 brass **Manual contactor contacts:** Silver **Manual contactor moveable arm:** Brass	**Enclosure - top cover:** Valox™ resin **Enclosure - base:** Valox™ resin **Enclosure - screws:** 300 Series stainless steel (captivated) **Grounding - plate:** Steel - galvanized **Grounding - assembly screw:** 300 series stainless steel **Handle:** Valox™ resin **Handle - seal:** Neoprene **Handle - shaft:** Valox™ resin **Handle - screw:** 300 series stainless steel (tamper resistant type) **Mounting feet:** Valox™ resin **Mounting feet - assembly screws:** 300 series stainless steel **Threaded inserts:** Brass
Optional equipment materials	**Breather drain material:** Type 316 stainless steel **Breather drain gasketing:** Captive "O" ring	**Impact resistance:** As per UL746C

* Break all lines.
**When used with 75°C copper wire only.
***Not applicable for 1 Ø 120 and 277 applications
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Industrial manual motor control switches specification & performance data

Industrial grade manual motor controllers

Product description

Single-phase & 3-phase
20/30A, 600/250V/AC; 30A, 250V/AC; 40A, 600V/AC; 30A, 600V/AC
10/20A, 250/125V/AC/DC; 20/30A, 250/125V/AC/DC

Switch type	Industrial single-phase & 3-phase maintained contact motor controllers AH6800 & AH7800 series	Industrial single-phase & 3-phase maintained contact motor controllers AHMC200 & AHMC300 series	Industrial 3-position 2-circuit maintained & momentary contact motor controllers AH4300 & AH27900 series
Wiring type	Back & side wire screw, front wired screw or front wired screw & clamp	Side wire, side wired screw & clamp, or side wired box lug	Side wired screw
Testing & code compliance	• cULus Listed to UL508, file no. E135083	• cULus Listed to UL508, file no. E135083	• Listed to UL20, file no. E135162, except AH4300 series • AH4300 series: UL recognized component
Environmental specifications	**Flammability:** Meets UL94 requirements; V2 rated **Temperature rating:** -20°C to 65°C (-4°F to 149°F)	**Flammability:** Meets UL94 requirements; V2 rated **Temperature rating:** -20°C to 65°C (-4°F to 149°F)	**Flammability:** Meets UL94 requirements; V2 rated **Temperature rating:** -20°C to 65°C (-4°F to 149°F)
Electrical specifications	**Dielectric voltage:** Withstands 1500V per UL20 **Current interrupting:** Yes, at full-rated current **Temperature rise:** Max. 30°C (86°F) after 100 cycles of overload and 30,000 cycles of endurance testing	**Dielectric voltage:** Withstands 1500V per UL20 **Current interrupting:** Yes, at full-rated current **Temperature rise:** Max. 30°C (86°F) after 100 cycles of overload and 30,000 cycles of endurance testing	**Dielectric voltage:** Withstands 1500V per UL20 **Current interrupting:** Yes, at full-rated current **Temperature rise:** Max. 30°C (86°F) after 100 cycles of overload and 30,000 cycles of endurance testing
Mechanical specifications	**Terminal accommodation:** #14 - #10 AWG **Voltage ratings:** 600V max	**Terminal accommodation:** #14 - #8 AWG; #14 - #4 AWG **Voltage ratings:** 600V max	**Terminal accommodation:** #14 - #10 AWG **Voltage ratings:** 600V max
Materials	**Toggle:** Glass-filled nylon **Top housing:** Glass-filled nylon **Bottom housing:** Glass-filled nylon **Strap:** Plated steel **Terminals:** Copper alloy **Terminal screws:** Plated brass **Contacts:** Silver alloy **Moveable contact arm:** Copper alloy	**Toggle:** Glass-filled nylon **Top housing:** Glass-filled nylon **Bottom housing:** Glass-filled nylon **Strap:** Plated steel **Terminals:** Copper alloy **Terminal screws:** Brass **Contacts:** Silver alloy **Moveable contact arm:** Copper alloy	**Toggle:** Thermoplastic, glass-filled nylon **Top housing:** Thermoset **Bottom housing:** Thermoset **Strap:** Plated steel **Terminals:** Copper alloy **Terminal screws:** Brass **Contacts:** Silver plated copper **Moveable contact arm:** Silver plated copper

SECTION F

F
SECTION

Cam-Lok™ Single Pole Connectivity

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F
SECTION

Single pole connectivity

Cam-Lok™ connectors are the industry standard

Cam-Lok™ plugs and receptacles are the original cam-style single pole connectivity solution for motors, generators, indoor and outdoor lighting distribution panels, stand-by power and other industrial power applications

Eaton's Crouse-Hinds Cam-Lok™ single pole connectors are specially designed to provide the ultimate in reliable service, even under the most severe operating conditions.

- Exclusive double cam principle provides a positive, vibration-proof connection
- Safe and easy assembly with normal hand tools or no tools at all
- All insulators are molded from colorfast material providing quick and easy phase identification
- Panel mount receptacles are insulated for direct mounting to steel panels, eliminating the need for costly insulating boards
- All Cam-Lok™ products are 100% insulated, providing a safe connection

Cam-Lok™
F-series product applications

Welding
Patch panels
Heat treating

Cam-Lok™
J-series product applications

Portable power
Motors
Generators

Posi-Lok™
Product applications

Power distribution
Temporary power
Emergency power

Save time and money

Cam-Lok™ plugs and receptacles replace expensive and bulky multi-conductor cables allowing the use of lighter, single-conductor cables rated at higher amperages. Cam-Lok™ connectors also provide the ability to quickly connect and disconnect without tools

Compliances, specifications and availability are subject to change without notice.

Product selector guide

Selecting the correct Cam-Lok™ product series is easy

Just identify the cable size, voltage, amperage and approval requirements

F series

Series	Ampacity rating (max.)	Voltage rating (max)	Cable sizes	Approvals
E1010	200	120	#8 - #4	OSHA
E1012	315	120	#2 - 4/0	OSHA

F series NEMA ratings

	NEMA Type 1	NEMA Type 2	NEMA Type 3	NEMA Type 3R	NEMA Type 4
E1010 thermoplastic plugs & receptacles	•				
E1012 thermoplastic plugs & receptacles	•				
E1012 thermoplastic, high temperature plugs & receptacles	•				
E1012 elastomeric plugs & receptacles	•	•	•	•	

J series

Series	Ampacity rating (max.)	Voltage rating (max)	Cable sizes	Approvals
E1015	150	600	#8 - #4	UL1691/CSA 22.2
E1016/EZ1016	400	600	#6 - 4/0	UL1691/CSA 22.2
E1017	690	600	250-800 MCM	UL1691/CSA 22.2
E1018/EZ1018	400	600	#2 - 4/0	UL1691/CSA 22.2

J series NEMA ratings

	NEMA Type 1	NEMA Type 2	NEMA Type 3	NEMA Type 3R	NEMA Type 4
E1015 non-vulcanized plugs	•	•	•	•	
E1015 vulcanized plugs	•	•	•	•	•
E1015 receptacles	•	•	•	•	
E-Z1016 non-vulcanized plugs	•	•	•	•	
E1016 non-vulcanized plugs	•	•	•	•	
E1016 vulcanized plugs	•	•	•	•	•
E1016 receptacles & terminals	•	•	•	•	
Plastic snapback covers	•	•	•	•	
Metal snapback covers	•				
E1016 accessories	•	•	•	•	
E1017 non-vulcanized plugs	•	•	•	•	
E1017 vulcanized plugs	•	•	•	•	•
E1017 receptacles & terminals	•	•	•	•	
E-Z1018 non-vulcanized plugs	•	•	•	•	
E1018 receptacles and terminals	•	•	•	•	

Posi-Lok™

Series	Ampacity rating (max.)	Voltage rating (max)	Cable sizes	Approvals
E0200	200	600	#2 - 2/0	UL/CSA
E0400	400	600	#2 - 4/0	UL/CSA

F series NEMA ratings

	NEMA Type 1	NEMA Type 2	NEMA Type 3	NEMA Type 3R	NEMA Type 4
Posi-Lok™	•	•	•		

NEMA enclosure rating systems

NEMA rating (National Electrical Manufacturers Association)

The NEMA rating indicates the level of protection the device has against water and dirt intrusion

NEMA rating chart

Protection from	Device locations: Indoors	Indoors or outdoors	Outdoors with external mechanisms
Limited amounts of falling dirt	NEMA type 1		
Limited amounts of falling dirt and dripping water	NEMA type 2		
Rain, sleet, falling dirt, windblown dust, damage from ice formation		NEMA type 3	
Rain, sleet, falling dirt, damage from ice formation		NEMA type 3R	
Rain, sleet, windblown dust, ice laden operation possible			NEMA type 3S
Windblown dust and rain, splashing water, hose-directed water, damage from ice formation		NEMA type 4	
Corrosion, windblown dust and rain, splashing water, hose-directed water, damage from ice formation		NEMA type 4X	
Falling dirt and settling airborn dust, lint, fibers and dripping non-corrosive liquids	NEMA type 5		
Hose-directed water, entry of water during occasional short-term limited depth submersion, damage from ice formation		NEMA type 6	
Hose-directed water, entry of water during long-term limited depth submersion, damage from ice formation		NEMA type 6P	
Class I, Division 1, groups A,B,C or D hazardous locations (as defined by NEC®, NFPA 70)	NEMA type 7 (commonly referred to as explosion-proof)		
Class I, Division 1, groups A,B,C or D hazardous locations (as defined by NEC®, NFPA 70)	NEMA type 8 (commonly referred to as oil-immersed)		
Class II, Division 1, groups E, F and G hazardous locations (as defined by NEC®, NFPA 70)	NEMA type 9 (commonly referred to as dust-ignition-proof)		
Meets applicable requirements of the Mine Safety & Health Administration, 30 CFR, part 18		NEMA type 10	
Circulating dust, falling dirt, dripping non-corrosive liquids	NEMA type 12 NEMA type 12K		
Dust, spraying of water, oil and non-corrosive coolant	NEMA type 13		

F-series applications, features & benefits

Reduced downtime and increased efficiency

Cam-Lok™ F-series connectors are specifically designed to meet the needs of harsh industrial welding applications. F-series plugs and receptacles offer superior reliability and safety while reducing downtime

Applications

- F-series plugs and receptacles are specifically designed for industrial applications where electrical equipment is exposed to harsh environments
- They are ideal for welding equipment, power distribution panels, patch panels and heat treating applications and are insulated for safety with reinforced thermoplastic or epoxy, or watertight elastomeric

Specifications

Electrical ratings

- 120 Volts AC
- Up to 315 Amps continuous, 550 Amps intermittent

Temperature ratings

- Standard: up to 105°C
- High temperature: up to 180°C (356°F)

Materials

- Accepts cable sizes: #8 AWG - 4/0
- Insulator material: reinforced thermoplastic (E1010, E1012), reinforced epoxy (E1012 high-temperature) or elastomeric (E1012 only)
- Contact material: brass or silver-plated brass environmental

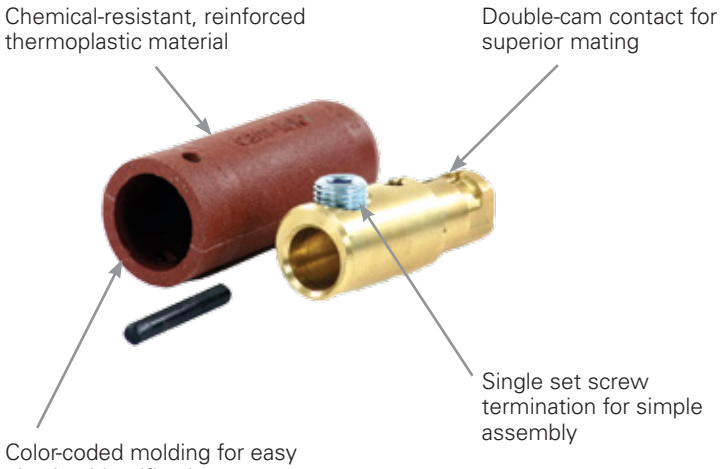
Enviromental

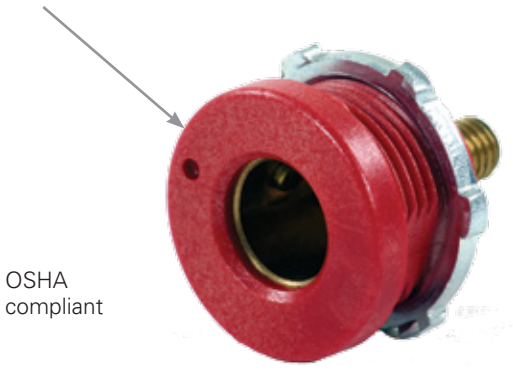
- NEMA 3

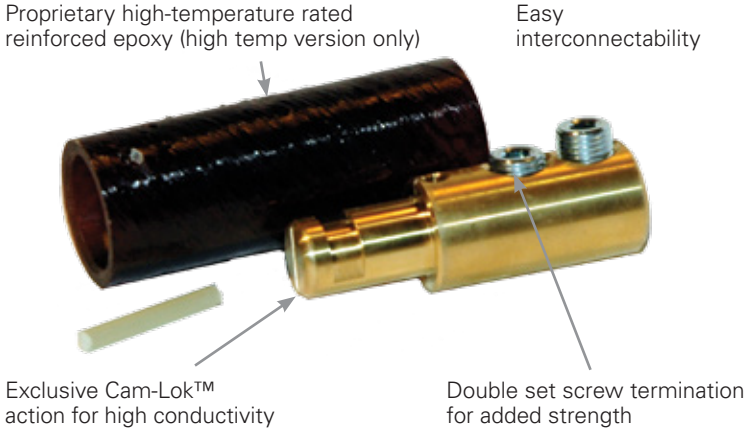
Certifications

- Meets OSHA requirements for welding connectors
- Meets NEC® code requirements for listed connectors that are of the locking type

Features







Single pole connectors

Cam-Lok™ F-series E1010 plugs & receptacles

Product description

Cable size #8 – #4 AWG, 120V/AC
Up to 150A continuous, 200A intermittent
NEMA 1

E1010-61

E1010-308

F-series E1010, reinforced thermoplastic

Features

- Double cam principle provides a positive, vibration-proof connection
- Self-compensating for wear
- No moving contact surfaces, eliminating arcing or burning
- Superior electromechanical connections
- Locked contacts will withstand a pulling force of 1,000 lbs.
- 1/3 of a turn assures a high pressure contact approaching 600 lbs. per sq. in. providing minimum resistance
- Contacts carefully machined from a high conductivity brass to a smooth sliding fit and easy locking action
- Thermoplastic insulators molded from colorfast material, color-coded for easy identification
- Panel receptacles are safety insulated for direct mounting to steel panels
- Accepts a wide range of cable sizes

Male plugs

	Cable size	Color	Complete part no.	Insulator part no.
Set-screw	#8-#4	RD	E1010-61	201281-410RM
		BK	E1010-62	201281-410BM
Solder	#8-#4	RD	E1010-101	201281-410RM
		BK	E1010-102	201281-410BM

Female plugs

Complete part no.	Insulator part no.	Retaining pin part no.
E1010-71	201281-410RF	100091-2
E1010-72	201281-410BF	100091-2
E1010-111	201281-410RF	100091-2
E1010-112	201281-410BF	100091-2

Female terminal connectors

Cable size	Color	Angle style part no.	Offset style part no.
#8-#4	RD	E1010-181	E1010-201
	BK	E1010-182	E1010-202

Bolt hole: 5/16"

High impact plastic receptacles

Cable size	Color	Angle style part no.	Description
#8-#4	RD	E1010-301	Female receptacle
	BK	E1010-302	Female receptacle
	RD	E1010-307	Male receptacle
	BK	E1010-308	Male receptacle

For E1010 reinforced thermoplastic drawings, see page F-11
To order single packaged products add a "K" suffix to the complete part number

Color information:

BK (Black), RD (Red)

BK (Black) RD (Red)

Testing & code compliance: OSHA compliant **Material characteristics:** Insulator: thermoplastic, Temperature rating: -40° C to 105° C
Compliances, specifications and availability are subject to change without notice.

Cam-Lok™ F-series E1012 plugs

Product description

Cable size #2 AWG – 4/0, 120V/AC
Up to 315A continuous, 550A intermittent
NEMA 1

E1012-66

E1012-71

F-series E1012, reinforced thermoplastic

Features

- Double cam principle provides a positive, vibration-proof connection
- Self-compensating for wear
- No moving contact surfaces, eliminating arcing or burning
- Superior electromechanical connections
- Locked contacts will withstand a pulling force of 1,000 lbs.
- 1/3 of a turn assures a high pressure contact approaching 600 lbs. per sq. in. providing minimum resistance
- Contacts carefully machined from a high conductivity brass to a smooth sliding fit and easy locking action
- Thermoplastic insulators molded from colorfast material, color-coded for easy identification
- Accepts a wide range of cable sizes

Set screw male plugs

Cable size	Color	Complete part no.	Insulator part no.
#2-1/0	RD	E1012-61	201281-612RM
	BK	E1012-62	201281-612BM
1/0-3/0	RD	E1012-63	201281-712RM
	BK	E1012-64	201281-712BM
3/0-4/0	RD	E1012-65	201281-812RM
	BK	E1012-66	201281-812BM

Set screw female plugs

Complete part no.	Insulator part no.	Retaining pin part no.
N/A	N/A	100091-4
N/A	N/A	100091-4
E1012-71	201281-712RF	100091-5
E1012-72	201281-712BF	100091-5
E1012-73	201281-812RF	100091-6
E1012-74	201281-812BF	100091-6

Solder male plugs

Cable size	Color	Complete part no.	Insulator part no.
#2-1/0	RD	E1012-101	201281-612RM
	BK	E1012-102	201281-612BM
1/0-3/0	RD	E1012-103	201281-712RM
	BK	E1012-104	201281-712BM
3/0-4/0	RD	E1012-105	201281-812RM
	BK	E1012-106	201281-812BM

Solder female plugs

Complete part no.	Insulator part no.	Retaining pin part no.
N/A	N/A	100091-4
N/A	N/A	100091-4
E1012-111	201281-712RF	100091-5
E1012-112	201281-712BF	100091-5
E1012-113	201281-812RF	100091-6
E1012-114	201281-812BF	100091-6

For E1012 reinforced thermoplastic drawings, see page F-11
To order single packaged products add a "K" suffix to the complete part number

Color information:

BK (Black), RD (Red)

BK (Black) RD (Red)

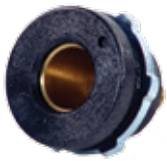
Testing & code compliance: OSHA compliant **Material characteristics:** Insulator: thermoplastic, Temperature rating: -40° C to 105° C
Compliances, specifications and availability are subject to change without notice

Cam-Lok™ F-series E1012 high temperature plugs & receptacles

Product description

Cable size 2/0 – 4/0, 120V/AC
Up to 400A continuous, 670A intermittent
NEMA 1

E1012-88



E1012-502

F-series E1012 high temperature, reinforced epoxy

Features

- Double cam principle provides a positive, vibration-proof connection
- Self-compensating for wear
- No moving contact surfaces, eliminating arcing or burning
- Superior electromechanical connections
- Locked contacts will withstand a pulling force of 1,000 lbs.
- 1/3 of a turn assures a high pressure contact approaching 600 lbs. per sq. in. providing minimum resistance
- Contacts carefully machined from a high conductivity brass or silver-plated brass to a smooth sliding fit and easy locking action
- Material designed to deliver superior performance in high temperature applications up to 365° F (180°C)

Double set screw male plugs

Cable size	Contact material	Color	Complete part no.	Contact part no.	Insulator part no.	Retaining pin part no.
2/0-4/0	Brass	BK	E1012-88	200639-4	101037-2	100091-22
	Silver plate	BK	E1012-85	200639-9	101037-2	100091-22

Double set screw female plugs

Cable size	Contact material	Color	Complete part no.	Contact part no.	Insulator part no.	Retaining pin part no.
2/0-4/0	Brass	BK	E1012-98	200641-10	101036-2	100091-22
	Silver plate	BK	E1012-95	200641-11	101036-2	100091-22

High temperature receptacles

Cable size	Part no.	Color	Description	Contact material
2/0-4/0	E1012-502	BK	Female receptacle	Brass
	E1012-508	BK	Male receptacle	Brass

For E1012 high temperature, reinforced epoxy drawings, see page F-12
To order single packaged products add a "K" suffix to the complete part number

Color information:

BK (Black)

BK

(Black)

Testing & code compliance: OSHA compliant **Material characteristics:** Insulator: reinforced thermoplastic or TPE, Temperature rating: -40° C to 105° C
Compliances, specifications and availability are subject to change without notice.

Cam-Lok™ F-series E1012 plugs

Product description

Cable size #2 AWG – 4/0, 120V/AC
Up to 315A continuous, 550A intermittent
NEMA 3R

E1012-8350

E1012-8377

F-series E1012, elastomeric

Features

- Double cam principle provides a positive, vibration-proof connection
- Self-compensating for wear
- No moving contact surfaces, eliminating arcing or burning
- Superior electromechanical connections
- Locked contacts will withstand a pulling force of 1,000 lbs.
- 1/3 of a turn assures a high pressure contact approaching 600 lbs. per sq. in. providing minimum resistance
- Contacts carefully machined from a high conductivity brass to a smooth sliding fit and easy locking action
- Watertight elastomeric insulators molded from colorfast material, color-coded for easy identification
- Accepts a wide range of cable sizes

Single set screw male plugs

Cable size	Color	Complete part no.	Contact part no.	Insulator part no.
	BK	E1012-8300	A200081-1	A200068-19
	RD	E1012-8302	A200081-1	A200068-21
2/0-4/0	BK	E1012-8312	A200080-1	A200068-13
	RD	E1012-8314	A200080-1	A200068-15

Single set screw female plugs

Complete part no.	Contact part no.	Insulator part no.
E1012-8325	A200067-1	A200069-19
E1012-8327	A200067-1	A200069-21
E1012-8337	A200066-1	A200069-13
E1012-8339	A200066-1	A200069-15

Double set screw male plugs

Cable size	Color	Complete part no.	Contact part no.	Insulator part no.
#2-2/0	BK	E1012-8350	A200643-1	A200068-19
	RD	E1012-8352	A200643-1	A200068-21
2/0-4/0	BK	E1012-8362	A200644-1	A200068-13
	RD	E1012-8364	A200644-1	A200068-15

Double set screw female plugs

Complete part no.	Contact part no.	Insulator part no.
E1012-8375	A200640-1	A200069-19
E1012-8377	A200640-1	A200069-21
E1012-8387	A200642-1	A200069-13
E1012-8389	A200642-1	A200069-15

Crimp or solder male plugs

Cable size	Color	Complete part no.	Contact part no.	Insulator part no.
#2-#1	BK	E1012-8006	A200036-30	A200068-19
	RD	E1012-8008	A200036-30	A200068-21
1/0-2/0	BK	E1012-8012	A200036-31	A200068-19
	RD	E1012-8014	A200036-31	A200068-21
3/0-4/0	BK	E1012-8030	A200038-30	A200068-13
	RD	E1012-8032	A200038-30	A200068-15

Crimp or solder female plugs

Complete part no.	Contact part no.	Insulator part no.
E1012-8056	A200037-35	A200069-19
E1012-8058	A200037-35	A200069-21
E1012-8062	A200037-36	A200069-19
E1012-8064	A200037-36	A200069-21
E1012-8080	A200035-53	A200069-13
E1012-8082	A200035-53	A200069-15

For E1012 elastomeric drawings, see page F-11
To order single packaged products add a "K" suffix to the complete part number

Color information:

BK (Black), RD (Red)

BK (Black) RD (Red)

Testing & code compliance: OSHA compliant **Material characteristics:** Insulator: TPE, Temperature rating: -40° C to 105° C
Compliances, specifications and availability are subject to change without notice.

Single pole connectors

Cam-Lok™ F-series E1012 receptacles & accessories

Product description

Cable size #2 AWG – 4/0, 120V/AC
Up to 315A continuous, 550A intermittent
NEMA 3R

A201317-6

E1012-2324

F-series E1012, reinforced thermoplastic or elastomeric

Features

- Double cam principle provides a positive, vibration-proof connection
- Self-compensating for wear
- No moving contact surfaces, eliminating arcing or burning
- Superior electromechanical connections.
- Locked contacts will withstand a pulling force of 1,000 lbs.
- 1/3 of a turn assures a high pressure contact approaching 600 lbs. per sq. in. providing minimum resistance
- Contacts carefully machined from a high conductivity brass to a smooth sliding fit and easy locking action
- Product body molded from colorfast material, color-coded for easy identification
- Panel receptacles are safety insulated for direct mounting to steel panels
- Accepts a wide range of cable sizes

Female terminal connectors

Cable size	Color	Angle style part no.	Offset style part no.
#2-3/0	RD	A201317-1	A201317-5
	BK	A201317-2	A201317-6
4/0	RD	A201317-3	N/A
	BK	A201317-4	N/A

Bolt hole: 1/2"

Three way "T" connectors

Cable size	Color	Paralleling "T" part no. M-M-F	Tapping "T" part no. M-F-F
#2-4/0	RD	E1012-2324	E1012-2314
	BK	E1012-2326	E1012-2312

High-impact receptacles

Cable size	Color	Complete part no.	Description	Contact material
#2-3/0	RD	E1012-301	Female receptacle	Brass
	BK	E1012-302	Female receptacle	Brass
#2-4/0	RD	E1012-303	Female receptacle	Brass
	BK	E1012-304	Female receptacle	Brass
	RD	E1012-305	Female receptacle	Copper
	BK	E1012-306	Female receptacle	Copper
	RD	E1012-307	Male receptacle	Brass
	BK	E1012-308	Male receptacle	Brass

Maximum torque: 20 ft. lbs.
For E1012 reinforced thermoplastic or elastomeric drawings, see page F-13
To order single packaged products add a "K" suffix to the complete part number

Color information:

BK (Black), RD (Red)

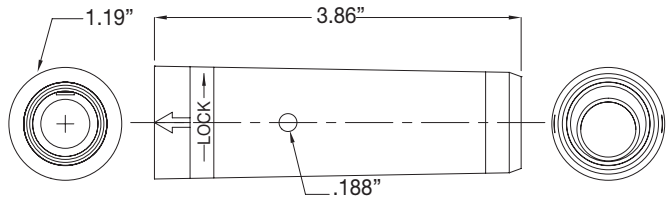
BK (Black) RD (Red)

Testing & code compliance: OSHA compliant **Material characteristics:** Insulator: reinforced thermoplastic or TPE, Temperature rating: -40° C to 105° C

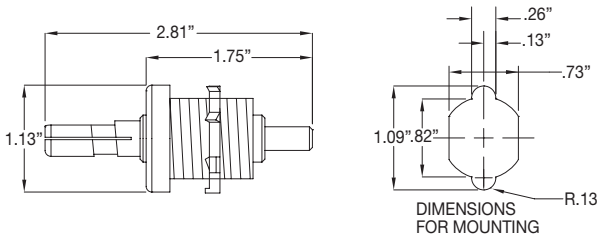
Compliances, specifications and availability are subject to change without notice.

F-series dimensional information

F-series E1010, reinforced thermoplastic

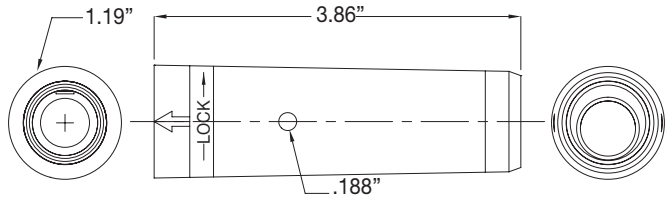


Male & female plug



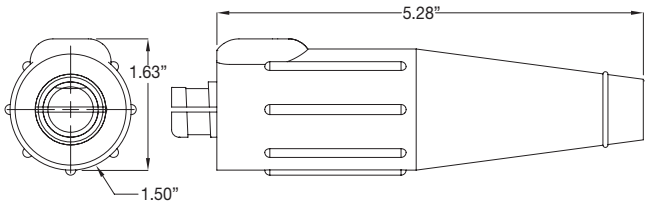
Male receptacle

F-series E1012, reinforced thermoplastic

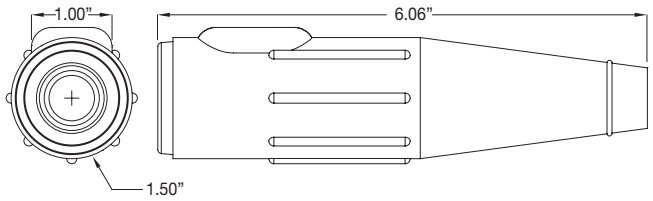


Male & female plug

F-series E1012, elastomeric



Male plug

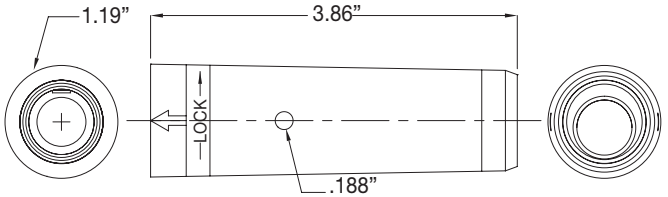


Female plug

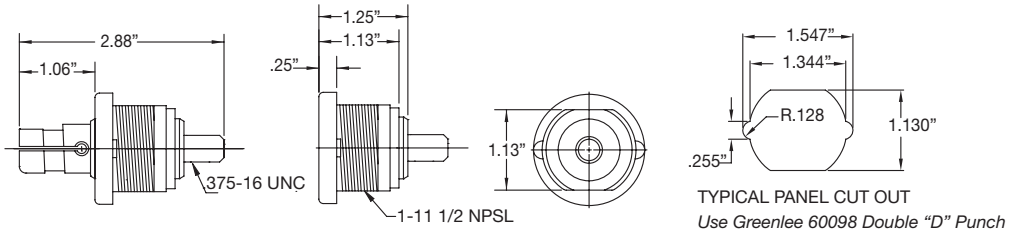
Compliances, specifications and availability are subject to change without notice.

F- series dimensional information

F-series E1012 high temperature, reinforced epoxy



Male & female high temperature plug

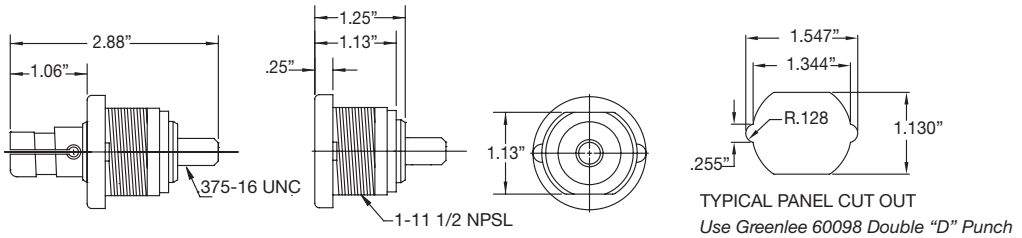


TYPICAL PANEL CUT OUT

Use Greenlee 60098 Double “D” Punch
Rat Tail File for Notches

Male & female high temperature receptacles

F-series E1012, reinforced thermoplastic or elastomeric



TYPICAL PANEL CUT OUT

Use Greenlee 60098 Double “D” Punch
Rat Tail File for Notches

Male & female receptacles

Compliances, specifications and availability are subject to change without notice.

Cam-Lock™ J-series applications, features & benefits

Designed for reliable, portable, quick and safe single pole connections

Cam-Lok™ J-series connectors are specifically designed to meet the needs of demanding portable applications. J-series plugs and receptacles are the proven industry standard single pole connectors for reliability and service with added safety

Applications

- J-series plugs and receptacles are specifically designed for industrial power distribution applications requiring quick, tool-free connections
- Ideal for portable power, power distribution, motors, generators and entertainment applications; J-series replaces traditional hardwiring while cutting downtime and maintenance
- J-series connectors are insulated, shatter/crack resistant and water tight plus heat, weather, ozone, oil and abrasion resistant

Specifications

Electrical ratings

- 600 Volts AC/DC
- 690 Amps continuous

Temperature ratings

- -40° C to 105° C

Materials

- Accepts cable sizes: #8 AWG – 800 MCM
- Insulator material: Elastomeric or rubber
- Contact material: Brass or copper

Environmental

- NEMA 3R or NEMA 4

Certifications

- Listed to UL1691
- Listed to CSA C22.2 no.1691-12
- CSA certified to C22.2, no.182.3 LR13963

Cam-Lok™ J-series applications, features & benefits

Discover how Cam-Lok™ J-series connectivity outperforms hardwiring

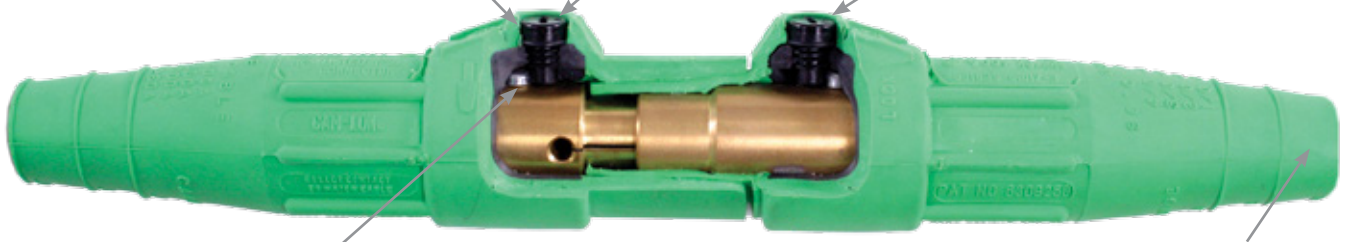
Cam-Lok™ J-series connectors quickly replace traditional hardwiring and offer more safety with integrated watertight insulators and a strain relief system. Plus, a wide range of sizes, colors and accessories are available for complete flexibility

Features & benefits

Non-metallic retaining screw provides safe, strong and reliable contact retention

Easy assembly with standard tools

Retaining screw snaps into place to prevent loss



E-Z align drive pin increases torque and longitudinal strength 300%

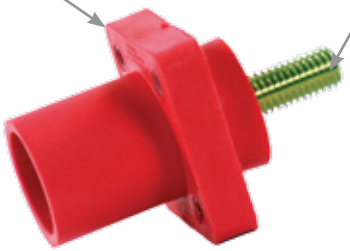
Accommodates a wide range of cable sizes: #2 – 4/0

Double set screw termination for added strength (crimp also available)

Non-vulcanized E1016 & EZ1016 plugs feature a high-strength, molded-in-place locking ring to capture and secure the insulator to the contact

Fully insulated for direct mounting to steel panels

Threaded stud and double set screw receptacles available (other terminations available)



High impact-resistant thermoplastic protects receptacles from damage

Snapback covers provide NEMA 3R environmental seal

Custom cover logos available

Wide range of colors available

Cam-Lok™ J-series E1015 plugs

Product description

Cable size #8 – #4 AWG
600V AC/DC, up to 150A continuous
NEMA 3R

E1015-8313

E1015-8333

J-series E1015, elastomeric, non-vulcanized, single set screw connection

Features

- Double cam principle provides a positive, vibration-proof connection
- Self-compensating for wear
- No moving contact surfaces, eliminating arcing or burning
- Superior electromechanical connections
- Locked contacts will withstand a pulling force of 1,000 lbs.
- 1/3 of a turn assures a high pressure contact approaching 600 lbs. per sq. in. providing minimum resistance
- Contacts carefully machined from a high conductivity brass to a smooth sliding fit and easy locking action
- Watertight elastomeric insulators molded from colorfast material, color-coded for easy phase identification
- Recessed contacts protected by insulating jacket that extends beyond contact ends for safety
- Integrated strain relief system features a retaining wire that prevents cable jacket pull-away and bare conductor exposure
- Accepts a wide range of cable sizes

Set screw non-vulcanized male plugs

Cable size	Color	Complete part no.	Contact only part no.	Insulator only part no.
#8-#4	BK	E1015-8306	A100864-1	A100869-7
	RD	E1015-8308	A100864-1	A100869-9
	GR	E1015-8310	A100864-1	A100869-11
	WH	E1015-8311	A100864-1	A100869-12
	BU	E1015-8313	A100864-1	A100869-14
	BRN	E1015-8314	A100864-1	A100869-15
	ORG	E1015-8309	A100864-1	A100869-10
	YEL	E1015-8307	A100864-1	A100869-8

Set screw non-vulcanized female plugs

Cable size	Color	Complete part no.	Contact only part no.	Insulator only part no.
#8-#4	BK	E1015-8331	A100865-1	A100868-7
	RD	E1015-8333	A100865-1	A100868-9
	GR	E1015-8335	A100865-1	A100868-11
	WH	E1015-8336	A100865-1	A100868-12
	BU	E1015-8338	A100865-1	A100868-14
	BRN	E1015-8339	A100865-1	A100868-15
	ORG	E1015-8334	A100865-1	A100868-10
	YEL	E1015-8332	A100865-1	A100868-8

For E1015 elastomeric, non-vulcanized, single set screw connection drawings, see page F-50
To order single packaged products add a "K" suffix to the complete part number

Color information:

BK (Black), RD (Red), GR (Green), WH (White), BU (Blue), BRN (Brown), ORG (Orange), YEL (Yellow)

BK	RD	GR	WH	BU	BRN	ORG	YEL
(Black)	(Red)	(Green)	(White)	(Blue)	(Brown)	(Orange)	(Yellow)

Testing & code compliance: Listed to UL1691, Listed to CSA C22.2, No. 1691-12, CSA certified to C22.2, No. 182.3 LR 13963
Material characteristics: Insulator: TPE, Environmental: NEMA 3R, Temperature rating: Operating ambient: -40° C to 105° C
Compliances, specifications and availability are subject to change without notice.

Single pole connectors

Cam-Lok™ J-series E1015 plugs

Product description

Cable size #8 – #4 AWG
600V AC/DC, up to 150A continuous
NEMA 4

E1015-2

E1015-55

J-series E1015, rubber, vulcanized, crimp connection

Features

- Vulcanizing permanently affixes plug insulator to cable for maximum protection against bare conductors, water, all kinds of weather, corrosion and other contaminants (requires vulcanizing kit/presses)
- Vulcanizing also reduces cable breakage by distributing flexing over a wide area for an effective strain relief system
- Double cam principle provides a positive, vibration-proof connection
- Self-compensating for wear
- No moving contact surfaces, eliminating arcing or burning
- Superior electromechanical connections
- Locked contacts will withstand a pulling force of 1,000 lbs.
- 1/3 of a turn assures a high pressure contact approaching 600 lbs. per sq. in. providing minimum resistance
- Contacts carefully machined from a high conductivity brass to a smooth sliding fit and easy locking action
- Watertight neoprene insulators molded from colorfast material, color-coded for easy phase identification
- Recessed contacts protected by insulating jacket that extends beyond contact ends for safety

Crimp vulcanized male plugs

Cable size	Color	Complete part no.	Contact only part no.	Insulator only part no.
#8-#4	BK	E1015-1	A100087-1	A100092-1
	RD	E1015-3	A100087-1	A100092-3
	GR	E1015-5	A100087-1	A100092-5
	WH	E1015-6	A100087-1	A100092-6
	BU	E1015-19	A100087-1	A100092-7
	BRN	E1015-22	A100087-1	A100092-8
	ORG	E1015-4	A100087-1	A100092-4
	YEL	E1015-2	A100087-1	A100092-2

Crimp vulcanized female plugs

Cable size	Color	Complete part no.	Contact only part no.	Insulator only part no.
#8-#4	BK	E1015-50	A100088-1	A100093-1
	RD	E1015-52	A100088-1	A100093-3
	GR	E1015-54	A100088-1	A100093-5
	WH	E1015-55	A100088-1	A100093-6
	BU	E1015-47	A100088-1	A100093-14
	BRN	E1015-44	A100088-1	A100093-15
	ORG	E1015-53	A100088-1	A100093-4
	YEL	E1015-51	A100088-1	A100093-2

For E1015 rubber, vulcanized, crimp connection drawings, see page F-50
To order single packaged products add a "K" suffix to the complete part number

Color information:

BK (Black), RD (Red), GR (Green), WH (White), BU (Blue), BRN (Brown), ORG (Orange), YEL (Yellow)

BK	RD	GR	WH	BU	BRN	ORG	YEL
(Black)	(Red)	(Green)	(White)	(Blue)	(Brown)	(Orange)	(Yellow)

Testing & code compliance: Listed to UL1691, Listed to CSA C22.2, No. 1691-12, CSA certified to C22.2, No. 182.3 LR 13963
Material characteristics: Insulator: Rubber, Environmental: NEMA 4, Temperature rating: Operating ambient: -40° C to 105° C
Compliances, specifications and availability are subject to change without notice.

Cam-Lok™ J-series E1015 receptacles & terminals

Product description

Cable size #8 – #4 AWG
600V AC/DC, up to 150A continuous
NEMA 3R

E1015-1604

E1015-1625

J-series E1015, elastomeric or rubber

Features

- Double cam principle provides a positive, vibration-proof connection
- Self-compensating for wear
- No moving contact surfaces, eliminating arcing or burning
- Superior electromechanical connections
- Locked contacts will withstand a pulling force of 1,000 lbs.
- 1/3 of a turn assures a high pressure contact approaching 600 lbs. per sq. in. providing minimum resistance
- Contacts carefully machined from a high conductivity brass to a smooth sliding fit and easy locking action
- Product body molded from colorfast material, color-coded for easy phase identification
- Receptacles are watertight elastomeric, terminals are rubber
- Recessed contacts protected by insulating jacket that extends beyond contact ends for safety
- Receptacles are safety insulated for direct mounting to steel panels

Threaded studs / Male terminals / Female terminals

Cable size	Color	Male terminals Complete part no.	Female terminals Complete part no.
#8-#4	BK	E1015-1600	E1015-1625
	RD	E1015-1602	E1015-1627
	GR	E1015-1604	E1015-1629
	WH	E1015-1605	E1015-1630
	BU	E1015-1606	E1015-1631
	BRN	E1015-1607	E1015-1632
	ORG	E1015-1603	E1015-1628
	YEL	E1015-1601	E1015-1626

Female terminals

Cable size	Color	Angle style	Offset style
#8-#4	BK	E1015-575	E1015-625
	RD	E1015-577	E1015-627
	GR	E1015-579	E1015-629
	WH	E1015-580	E1015-630
	BU	E1015-581	E1015-631
	BRN	E1015-589	E1015-632
	ORG	E1015-578	E1015-628
	YEL	E1015-576	E1015-626

For E1015 elastomeric or rubber drawings, see page F-50
To order single packaged products add a "K" suffix to the complete part number

Color information:

BK (Black), RD (Red), GR (Green), WH (White), BU (Blue), BRN (Brown), ORG (Orange), YEL (Yellow)

BK	RD	GR	WH	BU	BRN	ORG	YEL
(Black)	(Red)	(Green)	(White)	(Blue)	(Brown)	(Orange)	(Yellow)

Testing & code compliance: Listed to UL1691, Listed to CSA C22.2, No. 1691-12, CSA certified to C22.2, No. 182.3 LR 13963
Material characteristics: Receptacles: TPE, Terminals: Rubber, Environmental: NEMA 3R, Temperature rating: Operating ambient: -40° C to 105° C
Compliances, specifications and availability are subject to change without notice.

Single pole connectors

Cam-Lok™ J-series E1015 accessories

Product description

600V AC/DC, up to 150A continuous
NEMA 3R

E1015-2314

A100792-1

J-series E1015, rubber

Features

- Double cam principle provides a positive, vibration-proof connection
- Self-compensating for wear
- No moving contact surfaces, eliminating arcing or burning
- Superior electromechanical connections
- Locked contacts will withstand a pulling force of 1,000 lbs.
- 1/3 of a turn assures a high pressure contact approaching 600 lbs. per sq. in. providing minimum resistance
- Contacts carefully machined from a high conductivity brass to a smooth sliding fit, even before to locking
- Watertight neoprene insulators molded from color-fast material, color-coded for easy phase identification
- Recessed contacts protected by insulating jacket that extends beyond contact ends for safety

Three way "T" connectors

Adaptors

Color	Paralleling "T" complete part no. M-M-F	Tapping "T" complete part no. M-F-F	Double female complete part no.	Double male complete part no.	Male - female complete part no.
BK	E1015-2324	E1015-2312	E1015-2352	E1015-2362	E1015-2336
RD	E1015-2326	E1015-2314	E1015-2354	E1015-2364	E1015-2338
GR	E1015-2328	E1015-2316	E1015-2356	E1015-2366	E1015-2340
WH	E1015-2329	E1015-2317	E1015-2357	E1015-2367	E1015-2341
BU	E1015-2348	E1015-2350	E1015-2358	E1015-2368	E1015-2361
BRN	E1015-2342	E1015-2370	E1015-2359	E1015-2369	E1015-2371
ORG	E1015-2327	E1015-2315	E1015-2355	E1015-2365	E1015-2339
YEL	E1015-2325	E1015-2313	E1015-2353	E1015-2363	E1015-2337

Protective caps

Color	Male	Female
BK	A100793-1	A100792-1
RD	A100793-3	A100792-3
GR	A100793-5	A100792-5
WH	A100793-6	A100792-6
BU	A100793-7	A100792-13
BRN	A100793-8	A100792-7
ORG	A100793-4	A100792-4
YEL	A100793-2	A100792-2

For E1015 rubber drawings, see page F-50
To order single packaged products add a "K" suffix to the complete part number

Color information:

BK (Black), RD (Red), GR (Green), WH (White), BU (Blue), BRN (Brown), ORG (Orange), YEL (Yellow)

BK	RD	GR	WH	BU	BRN	ORG	YEL
(Black)	(Red)	(Green)	(White)	(Blue)	(Brown)	(Orange)	(Yellow)

Testing & code compliance: Listed to UL1691, Listed to CSA C22.2, No. 1691-12, CSA certified to C22.2, No. 182.3 LR 13963
Material characteristics: Body: Rubber, Environmental: NEMA 3R, Temperature rating: Operating ambient: -40° C to 105° C
Compliances, specifications and availability are subject to change without notice.

Cam-Lok™ J-series E-Z1016 plugs

Product description

Cable size #6 - #2 AWG
600V AC/DC, up to 190A continuous
NEMA 3R

E-Z1016-8822

E-Z1016-8821

J-series E-Z1016, elastomeric, non-vulcanized, double set screw connection

Features

- E-Z assembly and disassembly-no tools needed
- Double cam principle provides a positive, vibration-proof connection
- Self-compensating for wear
- No moving contact surfaces, eliminating arcing or burning
- Superior electromechanical connections
- Locked contacts will withstand a pulling force of 1,000 lbs.
- 1/3 of a turn assures a high pressure contact approaching 600 lbs. per sq. in. providing minimum resistance
- Contacts carefully machined from a high conductivity brass to a smooth sliding fit and easy locking action
- Watertight elastomeric insulators molded from color-fast material, color-coded for easy phase identification
- Recessed contacts protected by insulating jacket that extends beyond contact ends for safety
- Integrated strain relief system features a retaining wire that prevents cable jacket pull-away and bare conductor exposure
- Plugs feature a high-strength, molded-in-place locking ring to capture and secure the insulator to the contact
- Accepts a wide range of cable sizes

Double set screw non-vulcanized male plugs

Cable size	Color	Complete part no.	Contact only part no.	Insulator only part no.
#6-#2	BK	E-Z1016-8818	A200630-13	E-Z200074-88
	RD	E-Z1016-8820	A200630-13	E-Z200074-89
	GR	E-Z1016-8822	A200630-13	E-Z200074-90
	WH	E-Z1016-8824	A200630-13	E-Z200074-91
	BU	E-Z1016-8826	A200630-13	E-Z200074-92
	BRN	E-Z1016-8828	A200630-13	E-Z200074-93
	ORG	E-Z1016-8830	A200630-13	E-Z200074-94
	YEL	E-Z1016-8832	A200630-13	E-Z200074-95

Double set screw non-vulcanized female plugs

Cable size	Color	Complete part no.	Contact only part no.	Insulator only part no.
#6-#2	BK	E-Z1016-8819	A200640-13	E-Z200075-80
	RD	E-Z1016-8821	A200640-13	E-Z200075-81
	GR	E-Z1016-8823	A200640-13	E-Z200075-82
	WH	E-Z1016-8825	A200640-13	E-Z200075-83
	BU	E-Z1016-8827	A200640-13	E-Z200075-84
	BRN	E-Z1016-8829	A200640-13	E-Z200075-85
	ORG	E-Z1016-8831	A200640-13	E-Z200075-86
	YEL	E-Z1016-8833	A200640-13	E-Z200075-87

For E-Z1016 elastomeric, non-vulcanized, double set screw connection, see page F-50
To order single packaged products add a "K suffix to the complete part number

Color information:

BK (Black), RD (Red), GR (Green), WH (White), BU (Blue), BRN (Brown), ORG (Orange), YEL (Yellow)

BK	RD	GR	WH	BU	BRN	ORG	YEL
(Black)	(Red)	(Green)	(White)	(Blue)	(Brown)	(Orange)	(Yellow)

Testing & code compliance: Listed to UL1691, Listed to CSA C22.2, No. 1691-12, CSA certified to C22.2, No. 182.3 LR 13963
Material characteristics: Insulator: TPE, Environmental: NEMA 3R, Temperature rating: Operating ambient: -40° C to 105° C
Compliances, specifications and availability are subject to change without notice.

Single pole connectors

Cam-Lok™ J-series E-Z1016 plugs

Product description

Cable size #2 AWG – 2/0
600V AC/DC, up to 300A continuous
NEMA 3R

E-Z1016-8354

E-Z1016-8380

J-series E-Z1016, elastomeric, non-vulcanized, double set screw connection

Features

- E-Z assembly and disassembly-no tools needed
- Double cam principle provides a positive, vibration-proof connection
- Self-compensating for wear
- No moving contact surfaces, eliminating arcing or burning
- Superior electromechanical connections
- Locked contacts will withstand a pulling force of 1,000 lbs.
- 1/3 of a turn assures a high pressure contact approaching 600 lbs. per sq. in. providing minimum resistance
- Contacts carefully machined from a high conductivity brass to a smooth sliding fit and easy locking action
- Watertight elastomeric insulators molded from color-fast material, color-coded for easy phase identification
- Recessed contacts protected by insulating jacket that extends beyond contact ends for safety
- Integrated strain relief system features a retaining wire that prevents cable jacket pull-away and bare conductor exposure
- Plugs feature a high-strength, molded-in-place locking ring to capture and secure the insulator to the contact
- Accepts a wide range of cable sizes

Double set screw non-vulcanized male plugs

Cable size	Color	Complete part no.	Contact only part no.	Insulator only part no.
#2-2/0	BK	E-Z1016-8350	A200630-1	E-Z200074-19
	RD	E-Z1016-8352	A200630-1	E-Z200074-21
	GR	E-Z1016-8354	A200630-1	E-Z200074-23
	WH	E-Z1016-8355	A200630-1	E-Z200074-24
	BU	E-Z1016-8356	A200630-1	E-Z200074-38
	BRN	E-Z1016-8357	A200630-1	E-Z200074-47
	ORG	E-Z1016-8353	A200630-1	E-Z200074-22
	YEL	E-Z1016-8351	A200630-1	E-Z200074-20

Double set screw non-vulcanized female plugs

Cable size	Color	Complete part no.	Contact only part no.	Insulator only part no.
#2-2/0	BK	E-Z1016-8375	A200640-3	E-Z200075-19
	RD	E-Z1016-8377	A200640-3	E-Z200075-21
	GR	E-Z1016-8379	A200640-3	E-Z200075-23
	WH	E-Z1016-8380	A200640-3	E-Z200075-24
	BU	E-Z1016-8381	A200640-3	E-Z200075-44
	BRN	E-Z1016-8382	A200640-3	E-Z200075-52
	ORG	E-Z1016-8378	A200640-3	E-Z200075-22
	YEL	E-Z1016-8376	A200640-3	E-Z200075-20

For E-Z1016 elastomeric, non-vulcanized, double set screw connection, see page F-50
To order single packaged products add a "K" suffix to the complete part number

Color information:

BK (Black), RD (Red), GR (Green), WH (White), BU (Blue), BRN (Brown), ORG (Orange), YEL (Yellow)

BK	RD	GR	WH	BU	BRN	ORG	YEL
(Black)	(Red)	(Green)	(White)	(Blue)	(Brown)	(Orange)	(Yellow)

Testing & code compliance: Listed to UL1691, Listed to CSA C22.2, No. 1691-12, CSA certified to C22.2, No. 182.3 LR 13963
Material characteristics: Insulator: TPE, Environmental: NEMA 3R, Temperature rating: Operating ambient: -40° C to 105° C
Compliances, specifications and availability are subject to change without notice.

Cam-Lok™ J-series E-Z1016 plugs

Product description

Cable size 2/0 – 4/0
600V AC/DC, up to 400A continuous
NEMA 3R

E-Z1016-8368

E-Z1016-8389

J-series E-Z1016, elastomeric, non-vulcanized, double set screw connection

Features

- E-Z assembly and disassembly-no tools needed
- Double cam principle provides a positive, vibration-proof connection
- Self-compensating for wear
- No moving contact surfaces, eliminating arcing or burning
- Superior electromechanical connections
- Locked contacts will withstand a pulling force of 1,000 lbs.
- 1/3 of a turn assures a high pressure contact approaching 600 lbs. per sq. in. providing minimum resistance
- Contacts carefully machined from a high conductivity brass to a smooth sliding fit and easy locking action
- Watertight elastomeric insulators molded from color-fast material, color-coded for easy phase identification
- Recessed contacts protected by insulating jacket that extends beyond contact ends for safety
- Integrated strain relief system features a retaining wire that prevents cable jacket pull-away and bare conductor exposure
- Plugs feature a high-strength, molded-in-place locking ring to capture and secure the insulator to the contact
- Accepts a wide range of cable sizes

Double set screw non-vulcanized male plugs

Cable size	Color	Complete part no.	Contact only part no.	Insulator only part no.
2/0-4/0	BK	E-Z1016-8362	A200639-1	E-Z200074-60
	RD	E-Z1016-8364	A200639-1	E-Z200074-62
	GR	E-Z1016-8366	A200639-1	E-Z200074-64
	WH	E-Z1016-8367	A200639-1	E-Z200074-65
	BU	E-Z1016-8368	A200639-1	E-Z200074-66
	BRN	E-Z1016-8369	A200639-1	E-Z200074-67
	ORG	E-Z1016-8365	A200639-1	E-Z200074-63
	YEL	E-Z1016-8363	A200639-1	E-Z200074-61

Double set screw non-vulcanized female plugs

Cable size	Color	Complete part no.	Contact only part no.	Insulator only part no.
2/0-4/0	BK	E-Z1016-8387	A200641-1	E-Z200075-60
	RD	E-Z1016-8389	A200641-1	E-Z200075-62
	GR	E-Z1016-8391	A200641-1	E-Z200075-64
	WH	E-Z1016-8392	A200641-1	E-Z200075-65
	BU	E-Z1016-8393	A200641-1	E-Z200075-66
	BRN	E-Z1016-8394	A200641-1	E-Z200075-67
	ORG	E-Z1016-8390	A200641-1	E-Z200075-63
	YEL	E-Z1016-8388	A200641-1	E-Z200075-61

For E-Z1016 elastomeric, non-vulcanized, double set screw connection, see page F-50
To order single packaged products add a "K" suffix to the complete part number

Color information:

BK (Black), RD (Red), GR (Green), WH (White), BU (Blue), BRN (Brown), ORG (Orange), YEL (Yellow)

BK	RD	GR	WH	BU	BRN	ORG	YEL
(Black)	(Red)	(Green)	(White)	(Blue)	(Brown)	(Orange)	(Yellow)

Testing & code compliance: Listed to UL1691, Listed to CSA C22.2, No. 1691-12, CSA certified to C22.2, No. 182.3 LR 13963
Material characteristics: Insulator: TPE, Environmental: NEMA 3R, Temperature rating: Operating ambient: -40° C to 105° C
Compliances, specifications and availability are subject to change without notice.

Single pole connectors

Cam-Lok™ J-series E-Z1016 plugs

Product description

Cable size #2 - #1 AWG
600V AC/DC, up to 190A continuous
NEMA 3R

E-Z1016-8006

E-Z1016-8058

J-series E-Z1016, elastomeric, non-vulcanized, crimp connection

Features

- E-Z assembly and disassembly-no tools needed
- Double cam principle provides a positive, vibration-proof connection
- Self-compensating for wear
- No moving contact surfaces, eliminating arcing or burning
- Superior electromechanical connections
- Locked contacts will withstand a pulling force of 1,000 lbs.
- 1/3 of a turn assures a high pressure contact approaching 600 lbs. per sq. in. providing minimum resistance
- Contacts carefully machined from a high conductivity brass to a smooth sliding fit and easy locking action
- Watertight elastomeric insulators molded from color-fast material, color-coded for easy phase identification
- Recessed contacts protected by insulating jacket that extends beyond contact ends for safety
- Integrated strain relief system features a retaining wire that prevents cable jacket pull-away and bare conductor exposure
- Plugs feature a high-strength, molded-in-place locking ring to capture and secure the insulator to the contact

Crimp non-vulcanized male plugs

Cable size	Color	Complete part no.	Contact only part no.	Insulator only part no.
#2-#1	BK	E-Z1016-8006	A200036-18	E-Z200074-19
	RD	E-Z1016-8008	A200036-18	E-Z200074-21
	GR	E-Z1016-8010	A200036-18	E-Z200074-23
	WH	E-Z1016-8011	A200036-18	E-Z200074-24
	BU	E-Z1016-7700	A200036-18	E-Z200074-38
	BRN	E-Z1016-7701	A200036-18	E-Z200074-47
	ORG	E-Z1016-8009	A200036-18	E-Z200074-22
	YEL	E-Z1016-8007	A200036-18	E-Z200074-20

Crimp non-vulcanized female plugs

Cable size	Color	Complete part no.	Contact only part no.	Insulator only part no.
#2-#1	BK	E-Z1016-8056	A200037-23	E-Z200075-19
	RD	E-Z1016-8058	A200037-23	E-Z200075-21
	GR	E-Z1016-8060	A200037-23	E-Z200075-23
	WH	E-Z1016-8061	A200037-23	E-Z200075-24
	BU	E-Z1016-7716	A200037-23	E-Z200075-44
	BRN	E-Z1016-7717	A200037-23	E-Z200075-52
	ORG	E-Z1016-8059	A200037-23	E-Z200075-22
	YEL	E-Z1016-8057	A200037-23	E-Z200075-20

For E-Z1016 elastomeric, non-vulcanized, crimp connection, see page F-50
To order single packaged products add a "K" suffix to the complete part number

Color information:

BK (Black), RD (Red), GR (Green), WH (White), BU (Blue), BRN (Brown), ORG (Orange), YEL (Yellow)

BK	RD	GR	WH	BU	BRN	ORG	YEL
(Black)	(Red)	(Green)	(White)	(Blue)	(Brown)	(Orange)	(Yellow)

Testing & code compliance: Listed to UL1691, Listed to CSA C22.2, No. 1691-12, CSA certified to C22.2, No. 182.3 LR 13963
Material characteristics: Insulator: TPE, Environmental: NEMA 3R, Temperature rating: Operating ambient: -40° C to 105° C
Compliances, specifications and availability are subject to change without notice.

Cam-Lok™ J-series E-Z1016 plugs

Product description

Cable size 1/0 - 2/0
600V AC/DC, up to 300A continuous
NEMA 3R

E-Z1016-8021

E-Z1016-8073

J-series E-Z1016, elastomeric, non-vulcanized, crimp connection

Features

- E-Z assembly and disassembly
- Double cam principle provides a positive, vibration-proof connection
- Self-compensating for wear
- No moving contact surfaces, eliminating arcing or burning
- Superior electromechanical connections
- Locked contacts will withstand a pulling force of 1,000 lbs.
- 1/3 of a turn assures a high pressure contact approaching 600 lbs. per sq. in. providing minimum resistance
- Contacts carefully machined from a high conductivity copper alloy to a smooth sliding fit and easy locking action
- Watertight elastomeric insulators molded from colorfast material, color-coded for easy phase identification
- Recessed contacts protected by insulating jacket that extends beyond contact ends for safety
- Integrated strain relief system features a retaining wire that prevents cable jacket pull-away and bare conductor exposure
- Plugs feature a high-strength, molded-in-place locking ring to capture and secure the insulator to the contact

Crimp non-vulcanized male plugs

Cable size	Color	Complete part no.	Contact only part no.	Insulator only part no.
1/0-2/0	BK	E-Z1016-8018	A200038-11	E-Z200074-60
	RD	E-Z1016-8020	A200038-11	E-Z200074-62
	GR	E-Z1016-8022	A200038-11	E-Z200074-64
	WH	E-Z1016-8023	A200038-11	E-Z200074-65
	BU	E-Z1016-7704	A200038-11	E-Z200074-66
	BRN	E-Z1016-7705	A200038-11	E-Z200074-67
	ORG	E-Z1016-8021	A200038-11	E-Z200074-63
	YEL	E-Z1016-8019	A200038-11	E-Z200074-61

Crimp non-vulcanized female plugs

Cable size	Color	Complete part no.	Contact only part no.	Insulator only part no.
1/0-2/0	BK	E-Z1016-8068	A200035-17	E-Z200075-60
	RD	E-Z1016-8070	A200035-17	E-Z200075-62
	GR	E-Z1016-8072	A200035-17	E-Z200075-64
	WH	E-Z1016-8073	A200035-17	E-Z200075-65
	BU	E-Z1016-7720	A200035-17	E-Z200075-66
	BRN	E-Z1016-7721	A200035-17	E-Z200075-67
	ORG	E-Z1016-8071	A200035-17	E-Z200075-63
	YEL	E-Z1016-8069	A200035-17	E-Z200075-61

For E-Z1016 elastomeric, non-vulcanized, crimp connection, see page F-50
To order single packaged products add a "K" suffix to the complete part number

Color information:

BK (Black), RD (Red), GR (Green), WH (White), BU (Blue), BRN (Brown), ORG (Orange), YEL (Yellow)

BK	RD	GR	WH	BU	BRN	ORG	YEL
(Black)	(Red)	(Green)	(White)	(Blue)	(Brown)	(Orange)	(Yellow)

Testing & code compliance: Listed to UL1691, Listed to CSA C22.2, No. 1691-12, CSA certified to C22.2, No. 182.3 LR 13963
Material characteristics: Insulator: TPE, Environmental: NEMA 3R, Temperature rating: Operating ambient: -40° C to 105° C
Compliances, specifications and availability are subject to change without notice.

Single pole connectors

Cam-Lok™ J-series E-Z1016 plugs

Product description

Cable size 3/0 – 4/0
600V AC/DC, up to 400A continuous
NEMA 3R

E-Z1016-8031

E-Z1016-7724

J-series E-Z1016, elastomeric, non-vulcanized, crimp connection

Features

- E-Z assembly and disassembly-no tools needed
- Double cam principle provides a positive, vibration-proof connection
- Self-compensating for wear
- No moving contact surfaces, eliminating arcing or burning
- Superior electromechanical connections
- Locked contacts will withstand a pulling force of 1,000 lbs.
- 1/3 of a turn assures a high pressure contact approaching 600 lbs. per sq. in. providing minimum resistance
- Contacts carefully machined from a high conductivity copper alloy to a smooth sliding fit and easy locking action
- Watertight elastomeric insulators molded from colorfast material, color-coded for easy phase identification
- Recessed contacts protected by insulating jacket that extends beyond contact ends for safety
- Integrated strain relief system features a retaining wire that prevents cable jacket pull-away and bare conductor exposure
- Plugs feature a high-strength, molded-in-place locking ring to capture and secure the insulator to the contact

Crimp non-vulcanized male plugs

Cable size	Color	Complete part no.	Contact only part no.	Insulator only part no.
3/0-4/0	BK	E-Z1016-8030	A200038-6	E-Z200074-60
	RD	E-Z1016-8032	A200038-6	E-Z200074-62
	GR	E-Z1016-8034	A200038-6	E-Z200074-64
	WH	E-Z1016-8035	A200038-6	E-Z200074-65
	BU	E-Z1016-7708	A200038-6	E-Z200074-66
	BRN	E-Z1016-7709	A200038-6	E-Z200074-67
	ORG	E-Z1016-8033	A200038-6	E-Z200074-63
	YEL	E-Z1016-8031	A200038-6	E-Z200074-61

Crimp non-vulcanized female plugs

Cable size	Color	Complete part no.	Contact only part no.	Insulator only part no.
3/0-4/0	BK	E-Z1016-8080	A200035-14	E-Z200075-60
	RD	E-Z1016-8082	A200035-14	E-Z200075-62
	GR	E-Z1016-8084	A200035-14	E-Z200075-64
	WH	E-Z1016-8085	A200035-14	E-Z200075-65
	BU	E-Z1016-7724	A200035-14	E-Z200075-66
	BRN	E-Z1016-7725	A200035-14	E-Z200075-67
	ORG	E-Z1016-8083	A200035-14	E-Z200075-63
	YEL	E-Z1016-8081	A200035-14	E-Z200075-61

For E-Z1016 elastomeric, non-vulcanized, crimp connection, see page F-50
To order single packaged products add a "K" suffix to the complete part number

Color information:

BK (Black), RD (Red), GR (Green), WH (White), BU (Blue), BRN (Brown), ORG (Orange), YEL (Yellow)

BK	RD	GR	WH	BU	BRN	ORG	YEL
(Black)	(Red)	(Green)	(White)	(Blue)	(Brown)	(Orange)	(Yellow)

Testing & code compliance: Listed to UL1691, Listed to CSA C22.2, No. 1691-12, CSA certified to C22.2, No. 182.3 LR 13963
Material characteristics: Insulator: TPE, Environmental: NEMA 3R, Temperature rating: Operating ambient: -40° C to 105° C
Compliances, specifications and availability are subject to change without notice.

Cam-Lok™ J-series E1016 plugs

Product description

Cable size #2 AWG – 2/0
600V AC/DC, up to 300A continuous
NEMA 3R

E1016-8354

E1016-8380

J-series E1016, elastomeric, non-vulcanized, double set screw connection

Features

- Double cam principle provides a positive, vibration-proof connection
- Self-compensating for wear
- No moving contact surfaces, eliminating arcing or burning
- Superior electromechanical connections
- Locked contacts will withstand a pulling force of 1,000 lbs.
- 1/3 of a turn assures a high pressure contact approaching 600 lbs. per sq. in. providing minimum resistance
- Contacts carefully machined from a high conductivity brass to a smooth sliding fit and easy locking action
- Watertight elastomeric insulators molded from colorfast material, color-coded for easy phase identification
- Recessed contacts protected by insulating jacket that extends beyond contact ends for safety
- Integrated strain relief system features a retaining wire that prevents cable jacket pull-away and bare conductor exposure
- Plugs feature a high-strength, molded-in-place locking ring to capture and secure the insulator to the contact
- Accepts a wide range of cable sizes

Double set screw non-vulcanized male plugs

Cable size	Color	Complete part no.	Contact only part no.	Insulator only part no.
#2-2/0	BK	E1016-8350	A200630-1	A200074-19
	RD	E1016-8352	A200630-1	A200074-21
	GR	E1016-8354	A200630-1	A200074-23
	WH	E1016-8355	A200630-1	A200074-24
	BU	E1016-8356	A200630-1	A200074-38
	BRN	E1016-8357	A200630-1	A200074-47
	ORG	E1016-8353	A200630-1	A200074-22
	YEL	E1016-8351	A200630-1	A200074-20

Double set screw non-vulcanized female plugs

Cable size	Color	Complete part no.	Contact only part no.	Insulator only part no.
#2-2/0	BK	E1016-8375	A200640-3	A200075-19
	RD	E1016-8377	A200640-3	A200075-21
	GR	E1016-8379	A200640-3	A200075-23
	WH	E1016-8380	A200640-3	A200075-24
	BU	E1016-8381	A200640-3	A200075-44
	BRN	E1016-8382	A200640-3	A200075-52
	ORG	E1016-8378	A200640-3	A200075-22
	YEL	E1016-8376	A200640-3	A200075-20

For E1016 elastomeric, non-vulcanized, double set screw connection, see page F-51
To order single packaged products add a "K" suffix to the complete part number

Color information:

BK (Black), RD (Red), GR (Green), WH (White), BU (Blue), BRN (Brown), ORG (Orange), YEL (Yellow)

BK	RD	GR	WH	BU	BRN	ORG	YEL
(Black)	(Red)	(Green)	(White)	(Blue)	(Brown)	(Orange)	(Yellow)

Testing & code compliance: Listed to UL1691, Listed to CSA C22.2, No. 1691-12, CSA certified to C22.2, No. 182.3 LR 13963
Material characteristics: Insulator: TPE, Environmental: NEMA 3R, Temperature rating: Operating ambient: -40° C to 105° C
Compliances, specifications and availability are subject to change without notice.

Cam-Lok™ J-series E1016 plugs

Product description

Cable size 2/0 – 4/0
600V AC/DC, up to 400A continuous
NEMA 3R

E1016-8367

E1016-8393

J-series E1016, elastomeric, non-vulcanized, double set screw connection

Features

- Double cam principle provides a positive, vibration-proof connection
- Self-compensating for wear
- No moving contact surfaces, eliminating arcing or burning
- Superior electromechanical connections
- 400A continuous duty rating when used with 90°C 4/0 cable
- Locked contacts will withstand a pulling force of 1,000 lbs.
- 1/3 of a turn assures a high pressure contact approaching 600 lbs. per sq. in. providing minimum resistance
- Contacts carefully machined from a high conductivity brass to a smooth sliding fit and easy locking action
- Watertight elastomeric insulators molded from color-fast material, color-coded for easy phase identification
- Recessed contacts protected by insulating jacket that extends beyond contact ends for safety
- Integrated strain relief system features a retaining wire that prevents cable jacket pull-away and bare conductor exposure
- Plugs feature a high-strength, molded-in-place locking ring to capture and secure the insulator to the contact
- Accepts a wide range of cable sizes

Double set screw non-vulcanized male plugs

Cable size	Color	Complete part no.	Contact only part no.	Insulator only part no.
2/0-4/0	BK	E1016-8362	A200639-1	A200074-60
	RD	E1016-8364	A200639-1	A200074-62
	GR	E1016-8366	A200639-1	A200074-64
	WH	E1016-8367	A200639-1	A200074-65
	BU	E1016-8368	A200639-1	A200074-66
	BRN	E1016-8369	A200639-1	A200074-67
	ORG	E1016-8365	A200639-1	A200074-63
	YEL	E1016-8363	A200639-1	A200074-61

Double set screw non-vulcanized female plugs

Cable size	Color	Complete part no.	Contact only part no.	Insulator only part no.
2/0-4/0	BK	E1016-8387	A200641-1	A200075-60
	RD	E1016-8389	A200641-1	A200075-62
	GR	E1016-8391	A200641-1	A200075-64
	WH	E1016-8392	A200641-1	A200075-65
	BU	E1016-8393	A200641-1	A200075-66
	BRN	E1016-8394	A200641-1	A200075-67
	ORG	E1016-8390	A200641-1	A200075-63
	YEL	E1016-8388	A200641-1	A200075-61

For E1016 elastomeric, non-vulcanized, double set screw connection, see page F-51
To order single packaged products add a "K" suffix to the complete part number

Color information:

BK (Black), RD (Red), GR (Green), WH (White), BU (Blue), BRN (Brown), ORG (Orange), YEL (Yellow)

BK	RD	GR	WH	BU	BRN	ORG	YEL
(Black)	(Red)	(Green)	(White)	(Blue)	(Brown)	(Orange)	(Yellow)

Testing & code compliance: Listed to UL1691, Listed to CSA C22.2, No. 1691-12, CSA certified to C22.2, No. 182.3 LR 13963
Material characteristics: Insulator: TPE, Environmental: NEMA 3R, Temperature rating: Operating ambient: -40° C to 105° C
Compliances, specifications and availability are subject to change without notice.

Cam-Lok™ J-series E1016 plugs

Product description

Cable size #2 – #1 AWG
600V AC/DC, up to 190A continuous
NEMA 3R

E1016-8006

E1016-8058

J-series E1016, elastomeric, non-vulcanized, crimp connection

Features

- Double cam principle provides a positive, vibration-proof connection
- Self-compensating for wear
- No moving contact surfaces, eliminating arcing or burning
- Superior electromechanical connections
- Locked contacts will withstand a pulling force of 1,000 lbs.
- 1/3 of a turn assures a high pressure contact approaching 600 lbs. per sq. in. providing minimum resistance
- Contacts carefully machined from a high conductivity brass to a smooth sliding fit and easy locking action
- Watertight elastomeric insulators molded from colorfast material, color-coded for easy phase identification
- Recessed contacts protected by insulating jacket that extends beyond contact ends for safety
- Integrated strain relief system features a retaining wire that prevents cable jacket pull-away and bare conductor exposure
- Plugs feature a high-strength, molded-in-place locking ring to capture and secure the insulator to the contact

Crimp non-vulcanized male plugs

Cable size	Color	Complete part no.	Contact only part no.	Insulator only part no.
#2-#1	BK	E1016-8006	A200036-18	A200074-19
	RD	E1016-8008	A200036-18	A200074-21
	GR	E1016-8010	A200036-18	A200074-23
	WH	E1016-8011	A200036-18	A200074-24
	BU	E1016-7700	A200036-18	A200074-38
	BRN	E1016-7701	A200036-18	A200074-47
	ORG	E1016-8009	A200036-18	A200074-22
	YEL	E1016-8007	A200036-18	A200074-20

Crimp non-vulcanized female plugs

Cable size	Color	Complete part no.	Contact only part no.	Insulator only part no.
#2-#1	BK	E1016-8056	A200037-23	A200075-19
	RD	E1016-8058	A200037-23	A200075-21
	GR	E1016-8060	A200037-23	A200075-23
	WH	E1016-8061	A200037-23	A200075-24
	BU	E1016-7716	A200037-23	A200075-44
	BRN	E1016-7717	A200037-23	A200075-52
	ORG	E1016-8059	A200037-23	A200075-22
	YEL	E1016-8057	A200037-23	A200075-20

For E1016 elastomeric, non-vulcanized, crimp connection, see page F-51
To order single packaged products add a "K" suffix to the complete part number

Color information:

BK (Black), RD (Red), GR (Green), WH (White), BU (Blue), BRN (Brown), ORG (Orange), YEL (Yellow)

BK	RD	GR	WH	BU	BRN	ORG	YEL
(Black)	(Red)	(Green)	(White)	(Blue)	(Brown)	(Orange)	(Yellow)

Testing & code compliance: Listed to UL1691, Listed to CSA C22.2, No. 1691-12, CSA certified to C22.2, No. 182.3 LR 13963
Material characteristics: Insulator: TPE, Environmental: NEMA 3R, Temperature rating: Operating ambient: -40° C to 105° C
Compliances, specifications and availability are subject to change without notice.

Single pole connectors

Cam-Lok™ J-series E1016 plugs

Product description

Cable size 1/0 – 2/0
600V AC/DC, up to 235A continuous
NEMA 3R

E1016-8020

E1016-8069

J-series E1016, elastomeric, non-vulcanized, crimp connection

Features

- Double cam principle provides a positive, vibration-proof connection
- Self-compensating for wear
- No moving contact surfaces, eliminating arcing or burning
- Superior electromechanical connections
- Locked contacts will withstand a pulling force of 1,000 lbs.
- 1/3 of a turn assures a high pressure contact approaching 600 lbs. per sq. in. providing minimum resistance
- Contacts carefully machined from a high conductivity brass to a smooth sliding fit and easy locking action
- Watertight elastomeric insulators molded from colorfast material, color-coded for easy phase identification
- Recessed contacts protected by insulating jacket that extends beyond contact ends for safety
- Integrated strain relief system features a retaining wire that prevents cable jacket pull-away and bare conductor exposure
- Plugs feature a high-strength, molded-in-place locking ring to capture and secure the insulator to the contact

Crimp non-vulcanized male plugs

Cable size	Color	Complete part no.	Contact only part no.	Insulator only part no.
1/0-2/0	BK	E1016-8018	A200038-11B	A200074-13
	RD	E1016-8020	A200038-11B	A200074-15
	GR	E1016-8022	A200038-11B	A200074-17
	WH	E1016-8023	A200038-11B	A200074-18
	BU	E1016-7704	A200038-11B	A200074-37
	BRN	E1016-7705	A200038-11B	A200074-46
	ORG	E1016-8021	A200038-11B	A200074-16
	YEL	E1016-8019	A200038-11B	A200074-14

Crimp non-vulcanized female plugs

Cable size	Color	Complete part no.	Contact only part no.	Insulator only part no.
1/0-2/0	BK	E1016-8068	A200035-17B	A200075-13
	RD	E1016-8070	A200035-17B	A200075-15
	GR	E1016-8072	A200035-17B	A200075-17
	WH	E1016-8073	A200035-17B	A200075-18
	BU	E1016-7720	A200035-17B	A200075-37
	BRN	E1016-7721	A200035-17B	A200075-51
	ORG	E1016-8071	A200035-17B	A200075-16
	YEL	E1016-8069	A200035-17B	A200075-14

For E1016 elastomeric, non-vulcanized, crimp connection, see page F-51
To order single packaged products add a "K" suffix to the complete part number

Color information:

BK (Black), RD (Red), GR (Green), WH (White), BU (Blue), BRN (Brown), ORG (Orange), YEL (Yellow)

BK	RD	GR	WH	BU	BRN	ORG	YEL
(Black)	(Red)	(Green)	(White)	(Blue)	(Brown)	(Orange)	(Yellow)

Testing & code compliance: Listed to UL1691, Listed to CSA C22.2, No. 1691-12, CSA certified to C22.2, No. 182.3 LR 13963
Material characteristics: Insulator: TPE, Environmental: NEMA 3R, Temperature rating: Operating ambient: -40° C to 105° C
Compliances, specifications and availability are subject to change without notice.

Cam-Lok™ J-series E1016 plugs

Product description

Cable size 3/0 – 4/0
600V AC/DC, up to 315A continuous
NEMA 3R

E1016-8035

E1016-7724

J-series E1016, elastomeric, non-vulcanized, crimp connection

Features

- Double cam principle provides a positive, vibration-proof connection
- Self-compensating for wear
- No moving contact surfaces, eliminating arcing or burning
- Superior electromechanical connections
- Locked contacts will withstand a pulling force of 1,000 lbs.
- 1/3 of a turn assures a high pressure contact approaching 600 lbs. per sq. in. providing minimum resistance
- Contacts carefully machined from a high conductivity brass to a smooth sliding fit and easy locking action
- Watertight elastomeric insulators molded from colorfast material, color-coded for easy phase identification
- Recessed contacts protected by insulating jacket that extends beyond contact ends for safety
- Integrated strain relief system features a retaining wire that prevents cable jacket pull-away and bare conductor exposure
- Plugs feature a high-strength, molded-in-place locking ring to capture and secure the insulator to the contact

Crimp non-vulcanized male plugs

Cable size	Color	Complete part no.	Contact only part no.	Insulator only part no.
3/0-4/0	BK	E1016-8030	A200038-6B	A200074-13
	RD	E1016-8032	A200038-6B	A200074-15
	GR	E1016-8034	A200038-6B	A200074-17
	WH	E1016-8035	A200038-6B	A200074-18
	BU	E1016-7708	A200038-6B	A200074-37
	BRN	E1016-7709	A200038-6B	A200074-46
	ORG	E1016-8033	A200038-6B	A200074-16
	YEL	E1016-8031	A200038-6B	A200074-14

Crimp non-vulcanized female plugs

Cable size	Color	Complete part no.	Contact only part no.	Insulator only part no.
3/0-4/0	BK	E1016-8080	A200035-14B	A200075-13
	RD	E1016-8082	A200035-14B	A200075-15
	GR	E1016-8084	A200035-14B	A200075-17
	WH	E1016-8085	A200035-14B	A200075-18
	BU	E1016-7724	A200035-14B	A200075-37
	BRN	E1016-7725	A200035-14B	A200075-51
	ORG	E1016-8083	A200035-14B	A200075-16
	YEL	E1016-8081	A200035-14B	A200075-14

For E1016 elastomeric, non-vulcanized, crimp connection, see page F-51
To order single packaged products add a "K" suffix to the complete part number

Color information:

BK (Black), RD (Red), GR (Green), WH (White), BU (Blue), BRN (Brown), ORG (Orange), YEL (Yellow)

BK	RD	GR	WH	BU	BRN	ORG	YEL
(Black)	(Red)	(Green)	(White)	(Blue)	(Brown)	(Orange)	(Yellow)

Testing & code compliance: Listed to UL1691, Listed to CSA C22.2, No. 1691-12, CSA certified to C22.2, No. 182.3 LR 13963
Material characteristics: Insulator: TPE, Environmental: NEMA 3R, Temperature rating: Operating ambient: -40° C to 105° C
Compliances, specifications and availability are subject to change without notice.

Single pole connectors

Cam-Lok™ J-series E1016 plugs

Product description

Cable size #2 – #1 AWG
600V AC/DC, up to 190A continuous
NEMA 4

E1016-7

E1016-58

J-series E1016, rubber, vulcanized, crimp connection

Features

- Vulcanizing permanently affixes plug insulator to cable for maximum protection against water, all kinds of weather, corrosion and other contaminants (requires vulcanizing kit/presses)
- Vulcanizing also reduces cable breakage by distributing flexing over a wide area for an effective strain relief system
- Double cam principle provides a positive, vibration-proof connection
- Self-compensating for wear
- No moving contact surfaces, eliminating arcing or burning
- Superior electromechanical connections
- Locked contacts will withstand a pulling force of 1,000 lbs.
- 1/3 of a turn assures a high pressure contact approaching 600 lbs. per sq. in. providing minimum resistance
- Contacts carefully machined from a high conductivity brass to a smooth sliding fit and easy locking action
- Watertight neoprene insulators molded from colorfast material, color-coded for easy phase identification
- Recessed contacts protected by insulating jacket that extends beyond contact ends for safety

Crimp vulcanized male plugs

Cable size	Color	Complete part no.	Contact only part no.	Insulator only part no.
#2-#1	BK	E1016-7	A200036-2	A200706-7
	RD	E1016-9	A200036-2	A200706-9
	GR	E1016-11	A200036-2	A200706-11
	WH	E1016-12	A200036-2	A200706-12
	BU	E1016-46	A200036-2	A200706-97
	BRN	E1016-118	A200036-2	A200706-101
	ORG	E1016-10	A200036-2	A200706-10
	YEL	E1016-8	A200036-2	A200706-8

Crimp vulcanized female plugs

Cable size	Color	Complete part no.	Contact only part no.	Insulator only part no.
#2-#1	BK	E1016-56	A200037-2	A200705-7
	RD	E1016-58	A200037-2	A200705-9
	GR	E1016-60	A200037-2	A200705-11
	WH	E1016-61	A200037-2	A200705-12
	BU	E1016-95	A200037-2	A200705-64
	BRN	E1016-119	A200037-2	A200705-101
	ORG	E1016-59	A200037-2	A200705-10
	YEL	E1016-57	A200037-2	A200705-8

For E1016 rubber, vulcanized, crimp connection, see page F-51
To order single packaged products add a "K" suffix to the complete part number

Color information:

BK (Black), RD (Red), GR (Green), WH (White), BU (Blue), BRN (Brown), ORG (Orange), YEL (Yellow)

BK	RD	GR	WH	BU	BRN	ORG	YEL
(Black)	(Red)	(Green)	(White)	(Blue)	(Brown)	(Orange)	(Yellow)

Testing & code compliance: Listed to UL1691, Listed to CSA C22.2, No. 1691-12, CSA certified to C22.2, No. 182.3 LR 13963
Material characteristics: Insulator: Rubber, Environmental: NEMA 4, Temperature rating: Operating ambient: -40° C to 105° C
Compliances, specifications and availability are subject to change without notice.

Cam-Lok™ J-series E1016 plugs

Product description

Cable size 1/0 – 2/0
600V AC/DC, up to 235A continuous
NEMA 4

E1016-120

E1016-66

J-series E1016, rubber, vulcanized, crimp connection

Features

- Vulcanizing permanently affixes plug insulator to cable for maximum protection against water, all kinds of weather, corrosion and other contaminants (requires vulcanizing kit/presses)
- Vulcanizing also reduces cable breakage by distributing flexing over a wide area for an effective strain relief system
- Double cam principle provides a positive, vibration-proof connection
- Self-compensating for wear
- No moving contact surfaces, eliminating arcing or burning
- Superior electromechanical connections
- Locked contacts will withstand a pulling force of 1,000 lbs.
- 1/3 of a turn assures a high pressure contact approaching 600 lbs. per sq. in. providing minimum resistance
- Contacts carefully machined from a high conductivity brass to a smooth sliding fit and easy locking action
- Watertight neoprene insulators molded from colorfast material, color-coded for easy phase identification
- Recessed contacts protected by insulating jacket that extends beyond contact ends for safety

Crimp vulcanized male plugs

Cable size	Color	Complete part no.	Contact only part no.	Insulator only part no.
1/0-2/0	BK	E1016-13	A200036-3	A200706-7
	RD	E1016-15	A200036-3	A200706-9
	GR	E1016-17	A200036-3	A200706-11
	WH	E1016-18	A200036-3	A200706-12
	BU	E1016-43	A200036-3	A200706-97
	BRN	E1016-120	A200036-3	A200706-101
	ORG	E1016-16	A200036-3	A200706-10
	YEL	E1016-14	A200036-3	A200706-8

Crimp vulcanized female plugs

Cable size	Color	Complete part no.	Contact only part no.	Insulator only part no.
1/0-2/0	BK	E1016-62	A200037-3	A200705-7
	RD	E1016-64	A200037-3	A200705-9
	GR	E1016-66	A200037-3	A200705-11
	WH	E1016-67	A200037-3	A200705-12
	BU	E1016-92	A200037-3	A200705-64
	BRN	E1016-121	A200037-3	A200705-101
	ORG	E1016-65	A200037-3	A200705-10
	YEL	E1016-63	A200037-3	A200705-8

For E1016 rubber, vulcanized, crimp connection, see page F-51
To order single packaged products add a "K" suffix to the complete part number

Color information:

BK (Black), RD (Red), GR (Green), WH (White), BU (Blue), BRN (Brown), ORG (Orange), YEL (Yellow)

BK	RD	GR	WH	BU	BRN	ORG	YEL
(Black)	(Red)	(Green)	(White)	(Blue)	(Brown)	(Orange)	(Yellow)

Testing & code compliance: Listed to UL1691, Listed to CSA C22.2, No. 1691-12, CSA certified to C22.2, No. 182.3 LR 13963
Material characteristics: Insulator: Rubber, Environmental: NEMA 4, Temperature rating: Operating ambient: -40° C to 105° C
Compliances, specifications and availability are subject to change without notice.

Single pole connectors

Cam-Lok™ J-series E1016 plugs

Product description

Cable size 3/0 – 4/0
600V AC/DC, up to 315A continuous
NEMA 4

E1016-45

E1016-86

J-series E1016, rubber, vulcanized, crimp connection

Features

- Vulcanizing permanently affixes plug insulator to cable for maximum protection against water, all kinds of weather, corrosion and other contaminants (requires vulcanizing kit/presses)
- Vulcanizing also reduces cable breakage by distributing flexing over a wide area for an effective strain relief system
- Double cam principle provides a positive, vibration-proof connection
- Self-compensating for wear
- No moving contact surfaces, eliminating arcing or burning
- Superior electromechanical connections
- Locked contacts will withstand a pulling force of 1,000 lbs.
- 1/3 of a turn assures a high pressure contact approaching 600 lbs. per sq. in. providing minimum resistance
- Contacts carefully machined from a high conductivity brass to a smooth sliding fit and easy locking action
- Watertight neoprene insulators molded from colorfast material, color-coded for easy phase identification
- Recessed contacts protected by insulating jacket that extends beyond contact ends for safety

Crimp vulcanized male plugs

Cable size	Color	Complete part no.	Contact only part no.	Insulator only part no.
3/0-4/0	BK	E1016-31	A200038-2	A200706-13
	RD	E1016-33	A200038-2	A200706-15
	GR	E1016-35	A200038-2	A200706-17
	WH	E1016-36	A200038-2	A200706-18
	BU	E1016-45	A200038-2	A200706-64
	BRN	E1016-465	A200038-2	A200706-19
	ORG	E1016-34	A200038-2	A200706-16
	YEL	E1016-32	A200038-2	A200706-14

Crimp vulcanized female plugs

Cable size	Color	Complete part no.	Contact only part no.	Insulator only part no.
3/0-4/0	BK	E1016-80	A200035-2	A200705-13
	RD	E1016-82	A200035-2	A200705-15
	GR	E1016-84	A200035-2	A200705-17
	WH	E1016-85	A200035-2	A200705-18
	BU	E1016-94	A200035-2	A200705-65
	BRN	E1016-98	A200035-2	A200705-19
	ORG	E1016-83	A200035-2	A200705-16
	YEL	E1016-81	A200035-2	A200705-14

For E1016 rubber, vulcanized, crimp connection, see page F-51
To order single packaged products add a "K" suffix to the complete part number

Color information:

BK (Black), RD (Red), GR (Green), WH (White), BU (Blue), BRN (Brown), ORG (Orange), YEL (Yellow)

BK	RD	GR	WH	BU	BRN	ORG	YEL
(Black)	(Red)	(Green)	(White)	(Blue)	(Brown)	(Orange)	(Yellow)

Testing & code compliance: Listed to UL1691, Listed to CSA C22.2, No. 1691-12, CSA certified to C22.2, No. 182.3 LR 13963
Material characteristics: Insulator: Rubber, Environmental: NEMA 4, Temperature rating: Operating ambient: -40° C to 105° C
Compliances, specifications and availability are subject to change without notice.

Cam-Lok™ J-series E1016 receptacles

Product description

Cable size #6 AWG – 250 MCM
600V AC/DC, up to 400A continuous
NEMA 3R

E1016-1602S 1 1/8"

E1016-1600 3/4"

J-series E1016, elastomeric, threaded stud

Features

- Double cam principle provides a positive, vibration-proof connection
- Self-compensating for wear
- No moving contact surfaces, eliminating arcing or burning
- Superior electromechanical connections
- Locked contacts will withstand a pulling force of 1,000 lbs.
- 1/3 of a turn assures a high pressure contact approaching 600 lbs. per sq. in. providing minimum resistance
- Contacts carefully machined from a high conductivity brass to a smooth sliding fit and easy locking action
- Watertight elastomeric body molded from colorfast material, color-coded for easy phase identification
- Recessed contacts protected by insulating jacket that extends beyond contact ends for safety
- Receptacles are safety insulated for direct mounting to steel panels

Insulated receptacles - 1 1/8" threaded stud

Color	Male complete part no.	Female complete part no.
BK	E1016-1600S	E1016-1631S
RD	E1016-1602S	E1016-1633S
GR	E1016-1604S	E1016-1635S
WH	E1016-1605S	E1016-1636S
BU	E1016-1612S	E1016-1643S
BRN	E1016-1619S	E1016-1687S
ORG	E1016-1603S	E1016-1634S
YEL	E1016-1601S	E1016-1632S

Stud size: 1/2"-13, Maximum torque: 40 ft. lbs.

Insulated receptacles - 3/4" threaded stud

Color	Male complete part no.	Female complete part no.
BK	E1016-1600	E1016-1631
RD	E1016-1602	E1016-1633
GR	E1016-1604	E1016-1635
WH	E1016-1605	E1016-1636
BU	E1016-1612	E1016-1643
BRN	E1016-1619	E1016-1687
ORG	E1016-1603	E1016-1634
YEL	E1016-1601	E1016-1632

Stud size: 1/2"-13, Maximum torque: 40 ft. lbs.
For E1016 threaded stud receptacle drawings, see page F-36
To order single packaged products add a "K" suffix to the complete part number

Color information:

BK (Black), RD (Red), GR (Green), WH (White), BU (Blue), BRN (Brown), ORG (Orange), YEL (Yellow)

BK	RD	GR	WH	BU	BRN	ORG	YEL
(Black)	(Red)	(Green)	(White)	(Blue)	(Brown)	(Orange)	(Yellow)

Testing & code compliance: Listed to UL1691, Listed to CSA C22.2, No. 1691-12, CSA certified to C22.2, No. 182.3 LR 13963
Material characteristics: Insulator: TPE, Environmental: NEMA 3R, Temperature rating: Operating ambient: -40° C to 105° C
Compliances, specifications and availability are subject to change without notice.

Single pole connectors

Cam-Lok™ J-series E1016 receptacles

Product description

Cable size #2 AWG – 4/0
600V AC/DC, up to 400A continuous
NEMA 3R

E1016-1700B

E1016-1704BB

J-series E1016, elastomeric, busbar

Features

- Double cam principle provides a positive, vibration-proof connection
- Self-compensating for wear
- No moving contact surfaces, eliminating arcing or burning
- Superior electromechanical connections
- Locked contacts will withstand a pulling force of 1,000 lbs.
- 1/3 of a turn assures a high pressure contact approaching 600 lbs. per sq. in. providing minimum resistance
- Contacts carefully machined from a high conductivity brass to a smooth sliding fit and easy locking action
- Watertight elastomeric body molded from colorfast material, color-coded for easy phase identification
- Recessed contacts protected by insulating jacket that extends beyond contact ends for safety
- Receptacles are safety insulated for direct mounting to steel panels

Insulated receptacles single hole busbar

	Color	Male complete part no.	Female complete part no.
Single hole busbar	BK	E1016-1700B	E1016-1725B
	RD	E1016-1702B	E1016-1727B
	GR	E1016-1704B	E1016-1729B
	WH	E1016-1705B	E1016-1730B
	BU	E1016-1706B	E1016-1731B
	BRN	E1016-1707B	E1016-1732B
	ORG	E1016-1703B	E1016-1728B
	YEL	E1016-1701B	E1016-1726B

Insulated receptacles double hole busbar

	Color	Male complete part no.	Female complete part no.
Double hole busbar	BK	E1016-1700BB	E1016-1725BB
	RD	E1016-1702BB	E1016-1727BB
	GR	E1016-1704BB	E1016-1729BB
	WH	E1016-1705BB	E1016-1730BB
	BU	E1016-1706BB	E1016-1731BB
	BRN	E1016-1707BB	E1016-1732BB
	ORG	E1016-1703BB	E1016-1728BB
	YEL	E1016-1701BB	E1016-1726BB

For E1016 busbar receptacle drawings, see page F-36
To order single packaged products add a "K" suffix to the complete part number

Color information:

BK (Black), RD (Red), GR (Green), WH (White), BU (Blue), BRN (Brown), ORG (Orange), YEL (Yellow)

BK	RD	GR	WH	BU	BRN	ORG	YEL
(Black)	(Red)	(Green)	(White)	(Blue)	(Brown)	(Orange)	(Yellow)

Testing & code compliance: Listed to UL1691, Listed to CSA C22.2, No. 1691-12, CSA certified to C22.2, No. 182.3 LR 13963
Material characteristics: Body: TPE, Environmental: NEMA 3R, Temperature rating: Operating ambient: -40° C to 105° C
Compliances, specifications and availability are subject to change without notice.

Cam-Lok™ J-series E1016 receptacles

Product description

Cable size 1/0 – 4/0
600V AC/DC, up to 400A continuous
480V AC/DC, up to 315A continuous
NEMA 3R

E1016-1706

E1016-2269

J-series E1016, elastomeric - double set screw/inter-lock switch

Features

- Double cam principle provides a positive, vibration-proof connection
- Self-compensating for wear
- No moving contact surfaces, eliminating arcing or burning
- Superior electromechanical connections
- Locked contacts will withstand a pulling force of 1,000 lbs.
- 1/3 of a turn assures a high pressure contact approaching 600 lbs. per sq. in. providing minimum resistance
- Contacts carefully machined from a high conductivity brass to a smooth sliding fit and easy locking action
- Watertight elastomeric body molded from colorfast material, color-coded for easy phase identification
- Recessed contacts protected by insulating jacket that extends beyond contact ends for safety
- Receptacles are safety insulated for direct mounting to steel panels

Insulated receptacles double set screw

Tightening torque	
Cable	Torque (In lbs.)
1/0-2/0	120
3/0-4/0	220
600 Volts	
400 Amps	

Color	Male complete part no.	Female complete part no.
BK	E1016-1700	E1016-1725
RD	E1016-1702	E1016-1727
GR	E1016-1704	E1016-1729
WH	E1016-1705	E1016-1730
BU	E1016-1706	E1016-1731
BRN	E1016-1707	E1016-1732
ORG	E1016-1703	E1016-1728
YEL	E1016-1701	E1016-1726

For E1016 double set screw receptacle drawings, see Page F-36

Insulated receptacles with inter-lock switch

	Color	Female complete part no.
Female receptacles with inter-lock switch	BK	E1016-2267
	RD	E1016-2269
480 Volts	GR	E1016-2271
315 Amps	WH	E1016-2272
	BU	E1016-2294
	BRN	E1016-2295
	ORG	E1016-2270
	YEL	E1016-2268

For E1016 insulated receptacle with inter-lock switch drawings, see page F-51
To order single packaged products add a "K" suffix to the complete part number

Color information:

BK (Black), RD (Red), GR (Green), WH (White), BU (Blue), BRN (Brown), ORG (Orange), YEL (Yellow)

BK	RD	GR	WH	BU	BRN	ORG	YEL
(Black)	(Red)	(Green)	(White)	(Blue)	(Brown)	(Orange)	(Yellow)

Testing & code compliance: Listed to UL1691, Listed to CSA C22.2, No. 1691-12, CSA certified to C22.2, No. 182.3 LR 13963
Material characteristics: Body: TPE, Environmental: NEMA 3R, Temperature rating: Operating ambient: -40° C to 105° C
Compliances, specifications and availability are subject to change without notice.

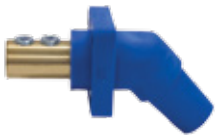
Single pole connectors

Cam-Lok™ J-series E1016 receptacles

Product description

Cable size #2 AWG - 4/0 (threaded stud); 1/0 - 4/0 (double set screw)
600V AC/DC, up to 400A continuous
NEMA 3R

E1016-1605S45



E1016-17341545

J-series E1016, elastomeric, non-vulcanized, 45˚ angled

Features

- Double cam principle provides a positive, vibration-proof connection
- Self-compensating for wear
- No moving contact surfaces, eliminating arcing or burning
- Superior electromechanical connections
- Locked contacts will withstand a pulling force of 1,000 lbs.
- 1/3 of a turn assures a high pressure contact approaching 600 lbs. per sq. in. providing minimum resistance
- Contacts carefully machined from a high conductivity brass to a smooth sliding fit and easy locking action
- Watertight elastomeric body molded from colorfast material, color-coded for easy phase identification
- Recessed contacts protected by insulating jacket that extends beyond contact ends for safety
- Receptacles are safety insulated for direct mounting to steel panels

Insulated receptacles - 1-1/8" threaded stud

	Color	Male complete part no.	Female complete part no.
1-1/8" threaded stud	BK	E1016-1600S45	E1016-1631S45
	RD	E1016-1602S45	E1016-1633S45
	GR	E1016-1604S45	E1016-1635S45
	WH	E1016-1605S45	E1016-1636S45
	BU	E1016-1612S45	E1016-1643S45
	BRN	E1016-1619S45	E1016-1687S45
	ORG	E1016-1603S45	E1016-1634S45
	YEL	E1016-1601S45	E1016-1632S45

Custom length threaded studs available, contact factory

Insulated receptacles - double set screw

	Color	Male complete part no.	Female complete part no.
1-1/8" threaded stud	BK	E1016-1700S45	E1016-1725S45
	RD	E1016-1702S45	E1016-1727S45
	GR	E1016-1704S45	E1016-1729S45
	WH	E1016-1705S45	E1016-1730S45
	BU	E1016-1706S45	E1016-1731S45
	BRN	E1016-1707S45	E1016-1732S45
	ORG	E1016-1703S45	E1016-1728S45
	YEL	E1016-1701S45	E1016-1726S45

Color information:

BK (Black), RD (Red), GR (Green), WH (White), BU (Blue), BRN (Brown), ORG (Orange), YEL (Yellow), GY (Gray)

BK	RD	GR	WH	BU	BRN	ORG	YEL
(Black)	(Red)	(Green)	(White)	(Blue)	(Brown)	(Orange)	(Yellow)

Testing & code compliance: Listed to UL1691, Listed to CSA C22.2, No. 1691-12, CSA certified to C22.2, No. 182.3 LR 13963
Material characteristics: Body: TPE, Environmental: NEMA 3R, Temperature rating: Operating ambient: -40° C to 105° C
Compliances, specifications and availability are subject to change without notice.

Cam-Lok™ Receptacles covers

Product description

NEMA 3R

J-series E1015/E1016, NEMA 3R receptacle covers

Features

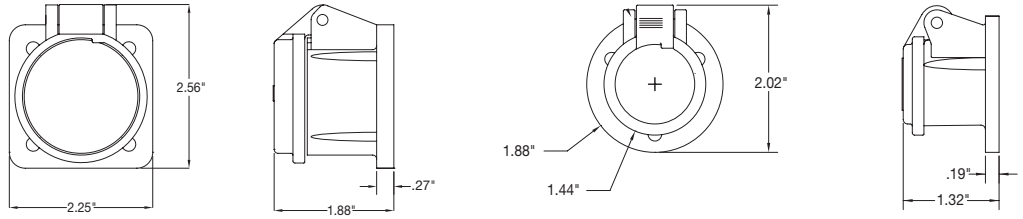
- Molded from colorfast material color-coded for easy phase identification
- Mounts directly to new or existing receptacles
- Provides NEMA 3R protection
- High impact resistant thermoplastic covers and bodies
- Stainless steel hardware
- Complete color offering

standard

optional

NEMA 3R receptacle covers

Color	E1015-series	E1016-series
BK	E1015SC-32	E1016SC-32
RD	E1015SC-36	E1016SC-36
GR	E1015SC-35	E1016SC-35
WH	E1015SC-38	E1016SC-38
BU	E1015SC-34	E1016SC-34
YEL	E1015SC-37	E1016SC-37
ORG	E1015SC-39	E1016SC-39
BRN	E1015SC-31	E1016SC-31
GY	E1015SC-33	E1016SC-33



Snap back enclosure assembly

Color information:

BK (Black), RD (Red), GR (Green), WH (White), BU (Blue), YEL (Yellow), ORG (Orange), BRN (Brown), GY (Gray)

BK	RD	GR	WH	BU	YEL	ORG	BRN	GY
(Black)	(Red)	(Green)	(White)	(Blue)	(Yellow)	(Orange)	(Brown)	(Gray)

Testing & code compliance: Listed to UL1691 **Material characteristics:** Body: Thermoplastic, Environmental: NEMA 3R, Temperature rating: Operating ambient: -40° C to 105° C

Compliances, specifications and availability are subject to change without notice.

Single pole connectors

Cam-Lok™ Receptacle covers

Product description

NEMA 1

J-series E1016, NEMA 1, metal snap back covers

Features

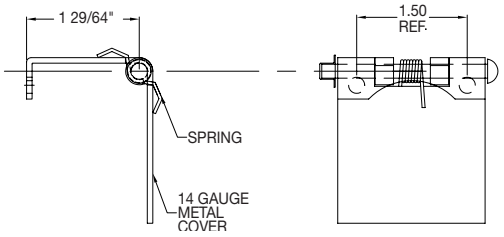
- Mounts directly to new or existing receptacles
- Provides NEMA 1 protection
- Steel with epoxy powder coat (standard) or zinc plated (optional)
- Stainless steel hardware
- Complete color offering

E1016MC-RD

E1016MC-ZN

NEMA 1 receptacle covers

Color	Part no.
BK	E1016MC-BK
RD	E1016MC-RD
GR	E1016MC-GR
WT	E1016MC-WT
BL	E1016MC-BL
YL	E1016MC-YL
OR	E1016MC-OR
BR	E1016MC-BR
GY	E1016MC-GY
ZN	E1016MC-ZN



Color information:

BK (Black), RD (Red), GR (Green), WT (White), BL (Blue), YL (Yellow), OR (Orange), BR (Brown), GY (Gray), ZN (Zinc)

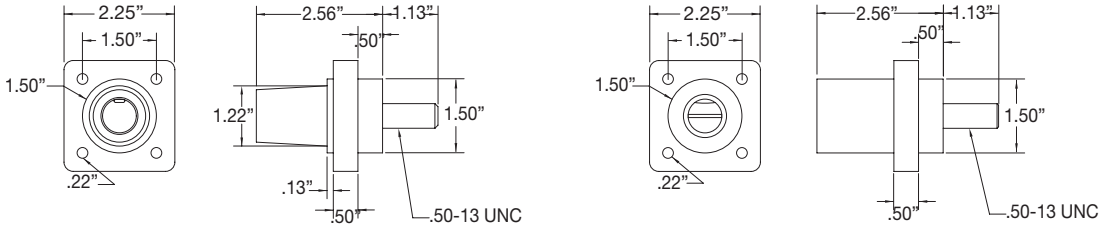
BK	RD	GR	WT	BL	YL	OR	BR	GY	ZN
(Black)	(Red)	(Green)	(White)	(Blue)	(Yellow)	(Orange)	(Brown)	(Gray)	(Zinc)

Material characteristics: Body: Steel, Environmental: NEMA 1, Temperature rating: Operating ambient: -40° C to 105° C

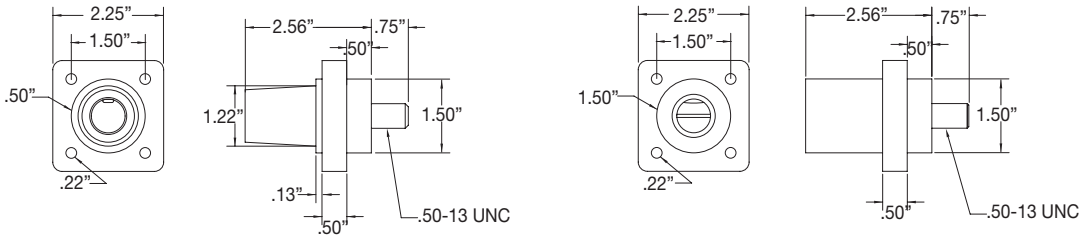
Compliances, specifications and availability are subject to change without notice.

Single pole connector drawings

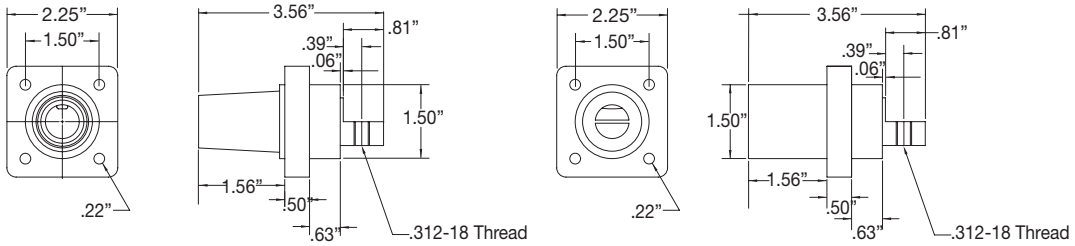
J-series E1016 receptacles



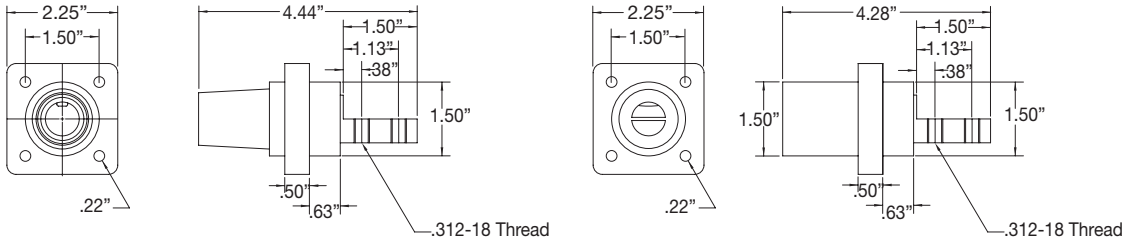
Female & male E1016 threaded stud receptacles, 1 1/8" stud



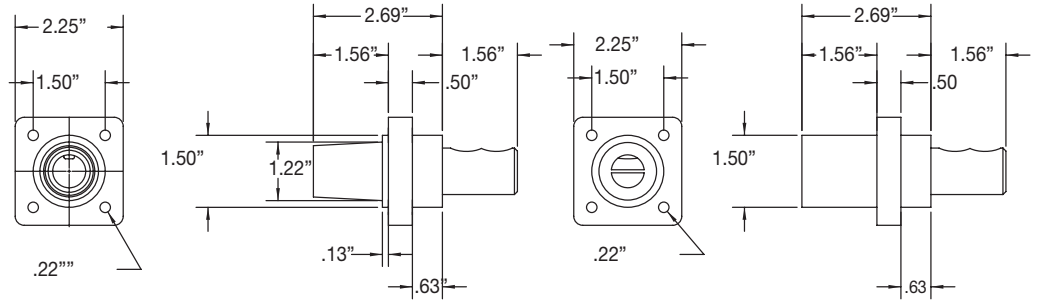
Female & male E1016 threaded stud receptacles, 3/4" stud



Female & male E1016 single hole busbar receptacles



Female & male E1016 double hole busbar receptacles



Female & male E1016 double set screw receptacles

Cam-Lok™ J-series E1016 accessories

Product description

600V AC/DC, up to 400A continuous
NEMA 3R

E1016-2324

A100601-17

J-series E1016 elastomeric

Features

- Double cam principle provides a positive, vibration-proof connection
- Self-compensating for wear
- No moving contact surfaces, eliminating arcing or burning
- Superior electromechanical connections
- Locked contacts will withstand a pulling force of 1,000 lbs.
- 1/3 of a turn assures a high pressure contact approaching 600 lbs. per sq. in. providing minimum resistance
- Contacts carefully machined from a high conductivity brass to a smooth sliding fit and easy locking action
- Watertight elastomeric body molded from colorfast material, color-coded for easy phase identification
- Recessed contacts protected by insulating jacket that extends beyond contact ends for safety

Three-way lay-down "T" connectors

Color	Paralleling "T" M-M-F part no.	Tapping "T" M-F-F part no.	Tapping "T" M-F-M part no.	Tapping "T" M-M-M part no.	Tapping "T" F-F-F part no.	Tapping "T" F-F-M part no.
BK	E1016-2324	E1016-2312	E1016-2318	E1016-2300	E1016-2306	E1016-2330
RD	E1016-2326	E1016-2314	E1016-2320	E1016-2302	E1016-2308	E1016-2332
GR	E1016-2328	E1016-2316	E1016-2322	E1016-2304	E1016-2310	E1016-2334
WH	E1016-2329	E1016-2317	E1016-2323	E1016-2305	E1016-2311	E1016-2335
BU	E1016-2348	E1016-2350	E1016-2359	E1016-2351	E1016-2349	E1016-2360
BRN	E1016-2371	E1016-2395	E1016-2372	E1016-2373	E1016-2374	E1016-2375
ORG	E1016-2327	E1016-2315	E1016-2321	E1016-2303	E1016-2309	E1016-2333
YEL	E1016-2325	E1016-2313	E1016-2319	E1016-2301	E1016-2307	E1016-2331

Protective caps with lanyards (Not UL Listed)

Color	Male cap part no.	Female cap part no.
BK	A100601-17	A100602-17
RD	A100601-19	A100602-19
GR	A100601-21	A100602-21
WH	A100601-22	A100602-22
BU	A100601-24	A100602-24
BRN	A100601-23	A100602-23
ORG	A100601-20	A100602-20
YEL	A100601-18	A100602-18
Aluminum	100444	Spacer

For E1016 "T" connector drawings, see page F-51
To order single packaged products add a "K" suffix to the complete part number

Color information:

BK (Black), RD (Red), GR (Green), WH (White), BU (Blue), BRN (Brown), ORG (Orange), YEL (Yellow)

BK	RD	GR	WH	BU	BRN	ORG	YEL
(Black)	(Red)	(Green)	(White)	(Blue)	(Brown)	(Orange)	(Yellow)

Testing & code compliance: Listed to UL1691, Listed to CSA C22.2, No. 1691-12, CSA certified to C22.2, No. 182.3 LR 13963
Material characteristics: Body: TPE, Environmental: NEMA 3R, Temperature rating: Operating ambient: -40° C to 105° C
Compliances, specifications and availability are subject to change without notice.

Cam-Lok™ J-series E1016 accessories

Product description

600V AC/DC, up to 400A continuous
NEMA 3R

E1016-9502

E1016-9510

J-series E1016 elastomeric

Features

- Double cam principle provides a positive, vibration-proof connection
- Self-compensating for wear
- No moving contact surfaces, eliminating arcing or burning
- Superior electromechanical connections.
- Locked contacts will withstand a pulling force of 1,000 lbs.
- 1/3 of a turn assures a high pressure contact approaching 600 lbs. per sq. in. providing minimum resistance
- Contacts carefully machined from a high conductivity brass to a smooth sliding fit and easy locking action
- Watertight elastomeric body molded from colorfast material, color-coded for easy phase identification
- Recessed contacts protected by insulating jacket that extends beyond contact ends for safety

Three-fer tapping tees

Color	90° M-F-F-F Part no.	45° M-F-F-F Part no.	45° F-M-M-M Part no.
BK	E1016-9500	E1016-9510	E1016-9580
RD	E1016-9502	E1016-9512	E1016-9600
GR	E1016-9504	E1016-9514	E1016-9620
WH	E1016-9505	E1016-9515	E1016-9630
BU	E1016-9506	E1016-9516	E1016-9640
BRN	E1016-9507	E1016-9517	E1016-9650
ORG	E1016-9503	E1016-9513	E1016-9610
YEL	E1016-9501	E1016-9511	E1016-9590

Adaptors

Color	Double female adapter part no.	Double male adapter part no.
BK	E1016-2352	E1016-2382
RD	E1016-2354	E1016-2384
GR	E1016-2356	E1016-2386
WH	E1016-2357	E1016-2387
BU	E1016-2358	E1016-2388
BRN	E1016-2397	E1016-2389
ORG	E1016-2355	E1016-2385
YEL	E1016-2353	E1016-2383

For E1016 elastomeric drawings, see page F-51
To order single packaged products add a "K" suffix to the complete part number

Color information:

BK (Black), RD (Red), GR (Green), WH (White), BU (Blue), BRN (Brown), ORG (Orange), YEL (Yellow)

BK	RD	GR	WH	BU	BRN	ORG	YEL
(Black)	(Red)	(Green)	(White)	(Blue)	(Brown)	(Orange)	(Yellow)

Testing & code compliance: Listed to UL1691, Listed to CSA C22.2, No. 1691-12, CSA certified to C22.2, No. 182.3 LR 13963
Material characteristics: Body: TPE, Environmental: NEMA 3R, Temperature rating: Operating ambient: -40° C to 105° C
Compliances, specifications and availability are subject to change without notice.

Single pole connectors

Cam-Lok™ J-series E1016 terminals

Product description

Cable size #2 AWG - 4/0
600V AC/DC, up to 400A continuous
NEMA 3R

E1016-627

E1016-817

J-series E1016, elastomeric or rubber

Features

- Double cam principle provides a positive, vibration-proof connection
- Self-compensating for wear
- No moving contact surfaces, eliminating arcing or burning
- Superior electromechanical connections
- Locked contacts will withstand a pulling force of 1,000 lbs.
- 1/3 of a turn assures a high pressure contact approaching 600 lbs. per sq. in. providing minimum resistance
- Contacts carefully machined from a high conductivity brass to a smooth sliding fit and easy locking action
- Product body molded from colorfast material, color-coded for easy phase identification; safety terminals are watertight elastomeric, terminal are rubber

Female terminal connectors

Cable size	Color	Angle style complete part no.	Offset style complete part no.
#2 - 4/0	BK	E1016-575	E1016-625
	RD	E1016-577	E1016-627
	GR	E1016-579	E1016-629
	WH	E1016-580	E1016-630
	BU	E1016-587	E1016-638
	BRN	E1016-590	E1016-639
	ORG	E1016-578	E1016-628
	YEL	E1016-576	E1016-626

Hole size: 1/2"

Female safety terminals

Cable size	Color	Round complete part no.	Rectangular complete part no.
#2 - 4/0	BK	E1016-813	E1016-801
	RD	E1016-815	E1016-803
	GR	E1016-817	E1016-805
	WH	E1016-818	E1016-806
	BU	E1016-819	E1016-807
	BRN	E1016-820	E1016-808
	ORG	E1016-816	E1016-804
	YEL	E1016-814	E1016-802

Tap hole: 1/2"-13
For E1016 elastomeric or rubber drawings, see page F-52
To order single packaged products add a "K" suffix to the complete part number

Color information:

BK (Black), RD (Red), GR (Green), WH (White), BU (Blue), BRN (Brown), ORG (Orange), YEL (Yellow)

BK	RD	GR	WH	BU	BRN	ORG	YEL
(Black)	(Red)	(Green)	(White)	(Blue)	(Brown)	(Orange)	(Yellow)

Testing & code compliance: Listed to UL1691, Listed to CSA C22.2, No. 1691-12, CSA certified to C22.2, No. 182.3 LR 13963
Material characteristics: Body: TPE or rubber, Environmental: NEMA 3R, Temperature rating: Operating ambient: -40° C to 105° C
Compliances, specifications and availability are subject to change without notice.

Cam-Lok™ J-series E1017 non-vulcanized plugs

Product description

Cable size 350-500 MCM
600V AC/DC, up to 545A continuous
NEMA 4

E1017-356

E1017-377

J-series E1017, rubber, non-vulcanized, double set screw connection

Features

- Double cam principle provides a positive, vibration-proof connection
- Self-compensating for wear
- No moving contact surfaces, eliminating arcing or burning
- Superior electromechanical connections
- Locked contacts will withstand a pulling force of 1,000 lbs.
- 1/3 of a turn assures a high pressure contact approaching 600 lbs. per sq. inch providing minimum resistance
- Contacts carefully machined from a high conductivity brass to a smooth sliding fit and easy locking action
- Watertight rubber insulators molded from colorfast material, color-coded for easy phase identification
- Recessed contacts protected by insulating jacket that extends beyond contact ends for safety
- Integrated strain relief system features a retaining wire that prevents cable jacket pull-away and bare conductor exposure
- Plugs feature a high-strength, molded-in-place locking ring to capture and secure the insulator to the contact
- Accepts a wide range of cable sizes

Double set screw non-vulcanized male plugs

Cable size	Color	Complete part no.	Contact only part no.	Insulator only part no.
350-500MCM	BK	E1017-350	A200612-1	A200056-1
	RD	E1017-352	A200612-1	A200056-3
	GR	E1017-354	A200612-1	A200056-5
	WH	E1017-355	A200612-1	A200056-6
	BU	E1017-356	A200612-1	A200056-37
	BRN	E1017-357	A200612-1	A200056-42
	ORG	E1017-353	A200612-1	A200056-4
	YEL	E1017-351	A200612-1	A200056-2

Double set screw non-vulcanized female plugs

Cable size	Color	Complete part no.	Contact only part no.	Insulator only part no.
350-500MCM	BK	E1017-375	A200614-2	A200040-1
	RD	E1017-377	A200614-2	A200040-3
	GR	E1017-379	A200614-2	A200040-5
	WH	E1017-380	A200614-2	A200040-6
	BU	E1017-381	A200614-2	A200040-39
	BRN	E1017-382	A200614-2	A200040-37
	ORG	E1017-378	A200614-2	A200040-4
	YEL	E1017-376	A200614-2	A200040-2

For E1017 rubber, non-vulcanized, double set screw connection drawings, see page F-54
To order single packaged products add a "K" suffix to the complete part number

Color information:

BK (Black), RD (Red), GR (Green), WH (White), BU (Blue), BRN (Brown), ORG (Orange), YEL (Yellow)

BK	RD	GR	WH	BU	BRN	ORG	YEL
(Black)	(Red)	(Green)	(White)	(Blue)	(Brown)	(Orange)	(Yellow)

Testing & code compliance: Listed to UL1691, Listed to CSA C22.2, No. 1691-12, CSA certified to C22.2, No. 182.3 LR 13963
Material characteristics: Insulator: Rubber, Environmental: NEMA 3R, Temperature rating: Operating ambient: -40° C to 105° C
Compliances, specifications and availability are subject to change without notice.

Single pole connectors

Cam-Lok™ J-series E1017 vulcanized plugs

Product description

Cable size 250 MCM
600V AC/DC, up to 340A continuous
NEMA 4

E1017-108

E1017-113

J-series E1017, rubber, vulcanized crimp connection

Features

- Double cam principle provides a positive, vibration-proof connection
- Self-compensating for wear
- No moving contact surfaces, eliminating arcing or burning
- Superior electromechanical connections
- Locked contacts will withstand a pulling force of 1,000 lbs.
- 1/3 of a turn assures a high pressure contact approaching 600 lbs. per sq. inch providing minimum resistance
- Contacts carefully machined from a high conductivity brass to a smooth sliding fit and easy locking action
- Watertight rubber insulators molded from colorfast material, color-coded for easy phase identification
- Recessed contacts protected by insulating jacket that extends beyond contact ends for safety
- Integrated strain relief system features a retaining wire that prevents cable jacket pull-away and bare conductor exposure
- Plugs feature a high-strength, molded-in-place locking ring to capture and secure the insulator to the contact

Crimp vulcanized male plugs (not UL Listed)

Cable size	Color	Complete part no.	Contact only part no.	Insulator only part no.
250MCM	BK	E1017-94	A200028-13	A200056-1
	RD	E1017-92	A200028-13	A200056-3
	GR	E1017-93	A200028-13	A200056-5
	WH	E1017-95	A200028-13	A200056-6
	BU	E1017-96	A200028-13	A200056-37
	BRN	E1017-108	A200028-13	A200056-42
	ORG	E1017-109	A200028-13	A200056-4
	YEL	E1017-110	A200028-13	A200056-2

Crimp vulcanized female plugs (not UL Listed)

Cable size	Color	Complete part no.	Contact only part no.	Insulator only part no.
250MCM	BK	E1017-90	A200027-72	A200040-1
	RD	E1017-88	A200027-72	A200040-3
	GR	E1017-89	A200027-72	A200040-5
	WH	E1017-91	A200027-72	A200040-6
	BU	E1017-98	A200027-72	A200040-39
	BRN	E1017-111	A200027-72	A200040-37
	ORG	E1017-112	A200027-72	A200040-4
	YEL	E1017-113	A200027-72	A200040-2

For E1017 rubber, vulcanized crimp connection drawings, see page F-54
To order single packaged products add a "K" suffix to the complete part number

Color information:

BK (Black), RD (Red), GR (Green), WH (White), BU (Blue), BRN (Brown), ORG (Orange), YEL (Yellow)

BK	RD	GR	WH	BU	BRN	ORG	YEL
(Black)	(Red)	(Green)	(White)	(Blue)	(Brown)	(Orange)	(Yellow)

Testing & code compliance: Listed to UL1691, Listed to CSA C22.2, No. 1691-12, CSA certified to C22.2, No. 182.3 LR 13963
Material characteristics: Insulator: Rubber, Environmental: NEMA 4, Temperature rating: Operating ambient: -40° C to 105° C
Compliances, specifications and availability are subject to change without notice.

Cam-Lok™ J-series E1017 vulcanized plugs

Product description

Cable size 350 MCM
600V AC/DC, up to 445A continuous
NEMA 4

E1017-26

E1017-79

J-series E1017, rubber, vulcanized crimp connection

Features

- Double cam principle provides a positive, vibration-proof connection
- Self-compensating for wear
- No moving contact surfaces, eliminating arcing or burning
- Superior electromechanical connections
- Locked contacts will withstand a pulling force of 1,000 lbs.
- 1/3 of a turn assures a high pressure contact approaching 600 lbs. per sq. inch providing minimum resistance
- Contacts carefully machined from a high conductivity brass to a smooth sliding fit and easy locking action
- Watertight rubber insulators molded from colorfast material, color-coded for easy phase identification
- Recessed contacts protected by insulating jacket that extends beyond contact ends for safety
- Integrated strain relief system features a retaining wire that prevents cable jacket pull-away and bare conductor exposure
- Plugs feature a high-strength, molded-in-place locking ring to capture and secure the insulator to the contact

Crimp vulcanized male plugs

Cable size	Color	Complete part no.	Contact only part no.	Insulator only part no.
350MCM	BK	E1017-1	A200028-1	A200056-1
	RD	E1017-3	A200028-1	A200056-3
	GR	E1017-5	A200028-1	A200056-5
	WH	E1017-6	A200028-1	A200056-6
	BU	E1017-26	A200028-1	A200056-37
	BRN	E1017-31	A200028-1	A200056-42
	ORG	E1017-4	A200028-1	A200056-4
	YEL	E1017-2	A200028-1	A200056-2

Crimp vulcanized female plugs

Cable size	Color	Complete part no.	Contact only part no.	Insulator only part no.
350MCM	BK	E1017-50	A200027-5	A200040-1
	RD	E1017-52	A200027-5	A200040-3
	GR	E1017-54	A200027-5	A200040-5
	WH	E1017-55	A200027-5	A200040-6
	BU	E1017-74	A200027-5	A200040-39
	BRN	E1017-79	A200027-5	A200040-37
	ORG	E1017-53	A200027-5	A200040-4
	YEL	E1017-51	A200027-5	A200040-2

For E1017 rubber, vulcanized crimp connection drawings, see page F-54
To order single packaged products add a "K" suffix to the complete part number

Color information:

BK (Black), RD (Red), GR (Green), WH (White), BU (Blue), BRN (Brown), ORG (Orange), YEL (Yellow)

BK	RD	GR	WH	BU	BRN	ORG	YEL
(Black)	(Red)	(Green)	(White)	(Blue)	(Brown)	(Orange)	(Yellow)

Testing & code compliance: Listed to UL1691, Listed to CSA C22.2, No. 1691-12, CSA certified to C22.2, No. 182.3 LR 13963
Material characteristics: Insulator: Rubber, Environmental: NEMA 4, Temperature rating: Operating ambient: -40° C to 105° C
Compliances, specifications and availability are subject to change without notice.

Single pole connectors

Cam-Lok™ J-series E1017 vulcanized plugs

Product description

Cable size 500 MCM
600V AC/DC, up to 545A continuous
NEMA 4

E1017-9

E1017-61

J-series E1017, rubber, vulcanized crimp connection

Features

- Double cam principle provides a positive, vibration-proof connection
- Self-compensating for wear
- No moving contact surfaces, eliminating arcing or burning
- Superior electromechanical connections
- Locked contacts will withstand a pulling force of 1,000 lbs.
- 1/3 of a turn assures a high pressure contact approaching 600 lbs. per sq. inch providing minimum resistance
- Contacts carefully machined from a high conductivity brass to a smooth sliding fit and easy locking action
- Watertight rubber insulators molded from colorfast material, color-coded for easy phase identification
- Recessed contacts protected by insulating jacket that extends beyond contact ends for safety
- Integrated strain relief system features a retaining wire that prevents cable jacket pull-away and bare conductor exposure
- Plugs feature a high-strength, molded-in-place locking ring to capture and secure the insulator to the contact

Crimp vulcanized male plugs

Cable size	Color	Complete part no.	Contact only part no.	Insulator only part no.
500MCM	BK	E1017-7	A200028-2	A200056-1
	RD	E1017-9	A200028-2	A200056-3
	GR	E1017-11	A200028-2	A200056-5
	WH	E1017-12	A200028-2	A200056-6
	BU	E1017-27	A200028-2	A200056-37
	BRN	E1017-32	A200028-2	A200056-42
	ORG	E1017-10	A200028-2	A200056-4
	YEL	E1017-8	A200028-2	A200056-2

Crimp vulcanized female plugs

Cable size	Color	Complete part no.	Contact only part no.	Insulator only part no.
500MCM	BK	E1017-56	A200027-6	A200040-1
	RD	E1017-58	A200027-6	A200040-3
	GR	E1017-60	A200027-6	A200040-5
	WH	E1017-61	A200027-6	A200040-6
	BU	E1017-75	A200027-6	A200040-39
	BRN	E1017-80	A200027-6	A200040-37
	ORG	E1017-59	A200027-6	A200040-4
	YEL	E1017-57	A200027-6	A200040-2

For E1017 rubber, vulcanized crimp connection drawings, see page F-54
To order single packaged products add a "K" suffix to the complete part number

Color information:

BK (Black), RD (Red), GR (Green), WH (White), BU (Blue), BRN (Brown), ORG (Orange), YEL (Yellow)

BK	RD	GR	WH	BU	BRN	ORG	YEL
(Black)	(Red)	(Green)	(White)	(Blue)	(Brown)	(Orange)	(Yellow)

Testing & code compliance: Listed to UL1691, Listed to CSA C22.2, No. 1691-12, CSA certified to C22.2, No. 182.3 LR 13963
Material characteristics: Insulator: Rubber, Environmental: NEMA 4, Temperature rating: Operating ambient: -40° C to 105° C
Compliances, specifications and availability are subject to change without notice.

Cam-Lok™ J-series E1017 vulcanized plugs

Product description

Cable size 750 MCM
600V AC/DC, up to 690A continuous
NEMA 4

E1017-18

E1017-76

J-series E1017, rubber, vulcanized crimp connection

Features

- Double cam principle provides a positive, vibration-proof connection
- Self-compensating for wear
- No moving contact surfaces, eliminating arcing or burning
- Superior electromechanical connections
- Locked contacts will withstand a pulling force of 1,000 lbs.
- 1/3 of a turn assures a high pressure contact approaching 600 lbs. per sq. inch providing minimum resistance
- Contacts carefully machined from a high conductivity brass to a smooth sliding fit and easy locking action
- Watertight rubber insulators molded from colorfast material, color-coded for easy phase identification
- Recessed contacts protected by insulating jacket that extends beyond contact ends for safety
- Integrated strain relief system features a retaining wire that prevents cable jacket pull-away and bare conductor exposure
- Plugs feature a high-strength, molded-in-place locking ring to capture and secure the insulator to the contact

Crimp vulcanized male plugs

Cable size	Color	Complete part no.	Contact only part no.	Insulator only part no.
750MCM	BK	E1017-13	A200028-3	A200056-7
	RD	E1017-15	A200028-3	A200056-9
	GR	E1017-17	A200028-3	A200056-11
	WH	E1017-18	A200028-3	A200056-12
	BU	E1017-28	A200028-3	A200056-41
	BRN	E1017-33	A200028-3	A200056-43
	ORG	E1017-16	A200028-3	A200056-10
	YEL	E1017-14	A200028-3	A200056-8

Crimp vulcanized female plugs

Cable size	Color	Complete part no.	Contact only part no.	Insulator only part no.
750MCM	BK	E1017-62	A200027-7	A200040-7
	RD	E1017-64	A200027-7	A200040-9
	GR	E1017-66	A200027-7	A200040-11
	WH	E1017-67	A200027-7	A200040-12
	BU	E1017-76	A200027-7	A200040-40
	BRN	E1017-81	A200027-7	A200040-38
	ORG	E1017-65	A200027-7	A200040-10
	YEL	E1017-63	A200027-7	A200040-8

For E1017 rubber, rubber, vulcanized crimp connection drawings, see page F-54
To order single packaged products add a "K" suffix to the complete part number

Color information:

BK (Black), RD (Red), GR (Green), WH (White), BU (Blue), BRN (Brown), ORG (Orange), YEL (Yellow)

BK	RD	GR	WH	BU	BRN	ORG	YEL
(Black)	(Red)	(Green)	(White)	(Blue)	(Brown)	(Orange)	(Yellow)

Testing & code compliance: Listed to UL1691, Listed to CSA C22.2, No. 1691-12, CSA certified to C22.2, No. 182.3 LR 13963
Material characteristics: Insulator: Rubber, Environmental: NEMA 4, Temperature rating: Operating ambient: -40° C to 105° C
Compliances, specifications and availability are subject to change without notice.

Cam-Lok™ J-series E1017 vulcanized plugs

Product description

Cable size 800 MCM
600V AC/DC, up to 690A continuous
NEMA 4

E1017-24

E1017-71

J-series E1017, rubber, vulcanized crimp connection

Features

- Double cam principle provides a positive, vibration-proof connection
- Self-compensating for wear
- No moving contact surfaces, eliminating arcing or burning
- Superior electromechanical connections
- Locked contacts will withstand a pulling force of 1,000 lbs.
- 1/3 of a turn assures a high pressure contact approaching 600 lbs. per sq. inch providing minimum resistance
- Contacts carefully machined from a high conductivity brass to a smooth sliding fit and easy locking action
- Watertight rubber insulators molded from colorfast material, color-coded for easy phase identification
- Recessed contacts protected by insulating jacket that extends beyond contact ends for safety
- Integrated strain relief system features a retaining wire that prevents cable jacket pull-away and bare conductor exposure
- Plugs feature a high-strength, molded-in-place locking ring to capture and secure the insulator to the contact

Crimp vulcanized male plugs (not UL Listed)

Cable size	Color	Complete part no.	Contact only part no.	Insulator only part no.
800MCM	BK	E1017-19	A200028-4	A200056-7
	RD	E1017-21	A200028-4	A200056-9
	GR	E1017-23	A200028-4	A200056-11
	WH	E1017-24	A200028-4	A200056-12
	BU	E1017-29	A200028-4	A200056-41
	BRN	E1017-34	A200028-4	A200056-43
	ORG	E1017-22	A200028-4	A200056-10
	YEL	E1017-20	A200028-4	A200056-8

Crimp vulcanized female plugs (not UL Listed)

Cable size	Color	Complete part no.	Contact only part no.	Insulator only part no.
800MCM	BK	E1017-68	A200027-8	A200040-7
	RD	E1017-70	A200027-8	A200040-9
	GR	E1017-72	A200027-8	A200040-11
	WH	E1017-73	A200027-8	A200040-12
	BU	E1017-77	A200027-8	A200040-40
	BRN	E1017-82	A200027-8	A200040-38
	ORG	E1017-71	A200027-8	A200040-10
	YEL	E1017-69	A200027-8	A200040-8

For E1017 rubber, vulcanized crimp connection drawings, see page F-54
To order single packaged products add a "K" suffix to the complete part number

Color information:

BK (Black), RD (Red), GR (Green), WH (White), BU (Blue), BRN (Brown), ORG (Orange), YEL (Yellow)

BK	RD	GR	WH	BU	BRN	ORG	YEL
(Black)	(Red)	(Green)	(White)	(Blue)	(Brown)	(Orange)	(Yellow)

Testing & code compliance: Listed to UL1691, Listed to CSA C22.2, No. 1691-12, CSA certified to C22.2, No. 182.3 LR 13963
Material characteristics: Insulator: Rubber, Environmental: NEMA 4, Temperature rating: Operating ambient: -40° C to 105° C
Compliances, specifications and availability are subject to change without notice.

Cam-Lok™ J-series E1017 receptacles

Product description

Cable size 350-750 MCM
600V AC/DC, up to 690A continuous
NEMA 3R

E1017-1604

E1017-1637

J-series E1017, rubber, threaded stud

Features

- Double cam principle provides a positive, vibration-proof connection
- Self-compensating for wear
- No moving contact surfaces, eliminating arcing or burning of contacts
- Superior electromechanical connections
- Locked contacts will withstand a pulling force of 1,000 lbs.
- 1/3 of a turn assures a high pressure contact approaching 600 lbs. per sq. inch providing minimum resistance
- Contacts carefully machined from a high conductivity brass to a smooth sliding fit and easy locking action
- Watertight rubber body molded from colorfast material, color-coded for easy phase identification
- Recessed contacts protected by insulating jacket that extends beyond contact ends for safety
- Receptacles are safety insulated for direct mounting to steel panels
- Accepts a wide range of cable sizes

Threaded male receptacles

Cable size	Color	90° Complete part no.	30° Complete part no.
350-750MCM	BK	E1017-1600	E1017-1601
	RD	E1017-1604	E1017-1605
	GR	E1017-1608	E1017-1609
	WH	E1017-1610	E1017-1611
	BU	E1017-1612	E1017-1613
	BRN	E1017-1614	E1017-1615
	ORG	E1017-1606	E1017-1607
	YEL	E1017-1602	E1017-1603

Threaded female receptacles

Cable size	Color	90° Complete part no.	30° Contact only part no.
350-750MCM	BK	E1017-1625	E1017-1626
	RD	E1017-1629	E1017-1630
	GR	E1017-1633	E1017-1634
	WH	E1017-1635	E1017-1636
	BU	E1017-1637	E1017-1638
	BRN	E1017-1641	E1017-1642
	ORG	E1017-1631	E1017-1632
	YEL	E1017-1627	E1017-1628

Stud size 1/2"-13, maximum torque: 40 ft. lbs.
For E1017 rubber, threaded stud drawings, see page F-54
To order single packaged products add a "K" suffix to the complete part number

Color information:

BK (Black), RD (Red), GR (Green), WH (White), BU (Blue), BRN (Brown), ORG (Orange), YEL (Yellow)

BK	RD	GR	WH	BU	BRN	ORG	YEL
(Black)	(Red)	(Green)	(White)	(Blue)	(Brown)	(Orange)	(Yellow)

Testing & code compliance: Listed to UL1691, Listed to CSA C22.2, No. 1691-12, CSA certified to C22.2, No. 182.3 LR 13963
Material characteristics: Insulator: Rubber, Environmental: NEMA 3R, Temperature rating: Operating ambient: -40° C to 105° C
Compliances, specifications and availability are subject to change without notice.

Single pole connectors

Cam-Lok™ J-series E1017 receptacles & terminals

Product description

Cable size 350-750 MCM
600V AC/DC, up to 690A continuous
NEMA 3R

E1017-515

E1017-575

J-series E1017 receptacles and terminal connectors

Features

- Double cam principle provides a positive, vibration-proof connection
- Self-compensating for wear
- No moving contact surfaces, eliminating arcing or burning
- Superior electromechanical connections
- Locked contacts will withstand a pulling force of 1,000 lbs.
- 1/3 of a turn assures a high pressure contact approaching 600 lbs. per sq. in. providing minimum resistance
- Contacts carefully machined from a high conductivity brass to a smooth sliding fit and easy locking action
- Watertight rubber body molded from colorfast material, color-coded for easy phase identification
- Recessed contacts protected by insulating jacket that extends beyond contact ends for safety
- Accepts a wide range of cable sizes

Female receptacles with inter-lock switch (not UL Listed)

Cable size	Style	Color	90° complete part no.	30° complete part no.
350-750MCM	With interlock switch 480 volts max	BK	E1017-509	E1017-501
		RD	E1017-511	E1017-503
		GR	E1017-513	E1017-505
		WH	E1017-514	E1017-506
		BU	E1017-515	E1017-507
		BRN	E1017-516	E1017-508
		ORG	E1017-512	E1017-504
		YEL	E1017-510	E1017-502

Female terminals

Color	Angle style complete part no.	Offset style complete part no.
BK	E1017-575	E1017-625
RD	E1017-577	E1017-627
GR	E1017-579	E1017-629
WH	E1017-580	E1017-630
BU	E1017-581	E1017-631
BRN	E1017-582	E1017-632
ORG	E1017-578	E1017-628
YEL	E1017-576	E1017-626

For E1017 receptacles and terminal connectors drawings, see page F-54
To order single packaged products add a "K" suffix to the complete part number

Color information:

BK (Black), RD (Red), GR (Green), WH (White), BU (Blue), BRN (Brown), ORG (Orange), YEL (Yellow)

BK	RD	GR	WH	BU	BRN	ORG	YEL
(Black)	(Red)	(Green)	(White)	(Blue)	(Brown)	(Orange)	(Yellow)

Testing & code compliance: Listed to UL1691, Listed to CSA C22.2, No. 1691-12, CSA certified to C22.2, No. 182.3 LR 13963
Material characteristics: Insulator: Rubber, Environmental: NEMA 3R, Temperature rating: Operating ambient: -40° C to 105° C
Compliances, specifications and availability are subject to change without notice.

Cam-Lok™ J-series E1017 protective caps with lanyards

Product description

NEMA 3R

A100603-2

A100604-2

J-series E1017 rubber

Features

- Resilient rubber body provides superior protection against elements
- Molded from colorfast material color-coded for easy phase identification
- Provides NEMA 3R protection
- Complete color offering
- Lanyard provided to prevent loss
- Attaches directly to new or existing plugs and receptacles

Protective caps (not UL Listed)

Color	Male cap part no.	Female cap part no.
BK	A100603-2	A100604-2
RD	A100603-6	A100604-6
GR	A100603-10	A100604-10
WH	A100603-12	A100604-12
BU	A100603-16	A100604-16
BRN	A100603-14	A100604-14
ORG	A100603-8	A100604-8
YEL	A100603-4	A100604-4

For E1017 protective caps drawings, see page F-54
To order single packaged products add a "K" suffix to the complete part number

Color information:

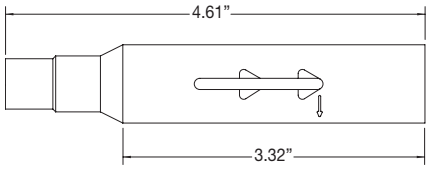
BK (Black), RD (Red), GR (Green), WH (White), BU (Blue), BRN (Brown), ORG (Orange), YEL (Yellow)

BK	RD	GR	WH	BU	BRN	ORG	YEL
(Black)	(Red)	(Green)	(White)	(Blue)	(Brown)	(Orange)	(Yellow)

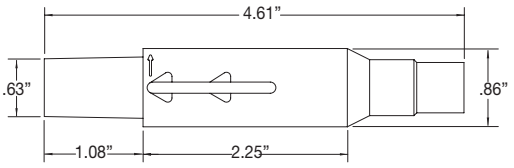
Testing & code compliance: Listed to UL1691, Listed to CSA C22.2, No. 1691-12, CSA certified to C22.2, No. 182.3 LR 13963
Material characteristics: Body: Rubber, Environmental: NEMA 3R, Temperature rating: Operating ambient: -40° C to 105° C
Compliances, specifications and availability are subject to change without notice.

J-series dimensional drawings

J-series E1015, elastomeric, non-vulcanized, single set screw connection

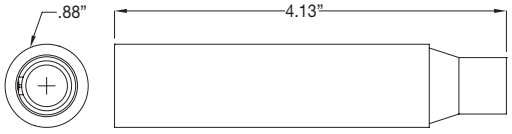


Male non-vulcanized plug

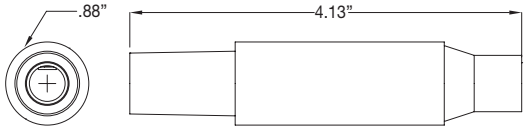


Female non-vulcanized plug

J-series E1015, rubber, vulcanized, crimp connection

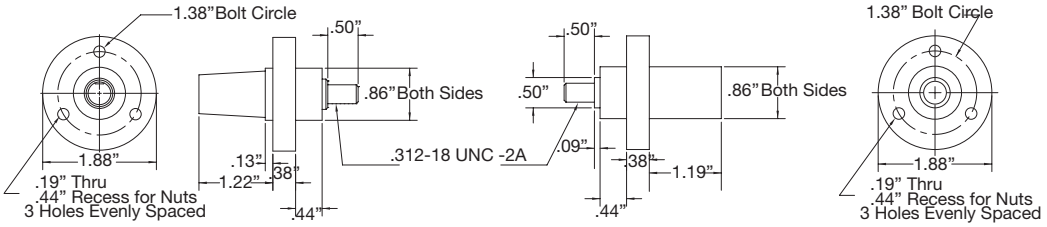


Male vulcanized plug



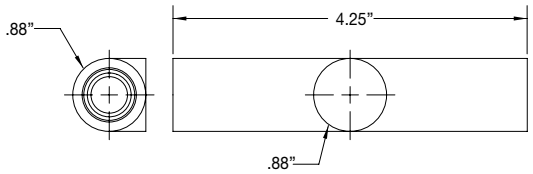
Female vulcanized plug

J-series E1015, elastomeric or rubber



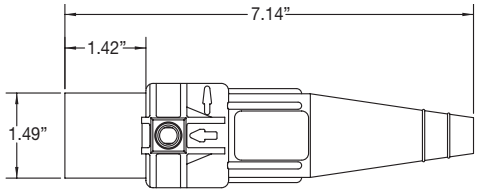
Male & female receptacles

J-series E1015, rubber

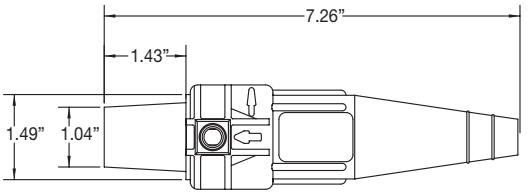


Tapping tee

J-series E-Z1016, elastomeric, non-vulcanized, double set screw connection & crimp connection



Male connector

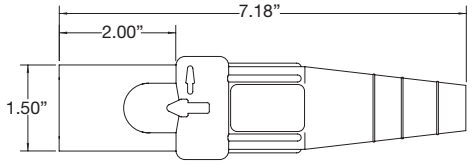


Female connector

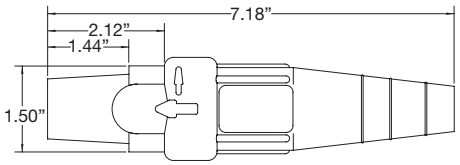
Compliances, specifications and availability are subject to change without notice.

J-series dimensional drawings

J-series E1016, elastomeric, non-vulcanized, double set screw connection & crimp connection

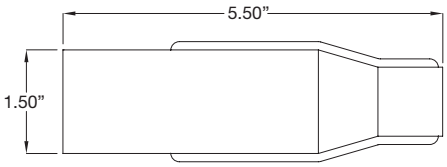


Male non-vulcanized plug

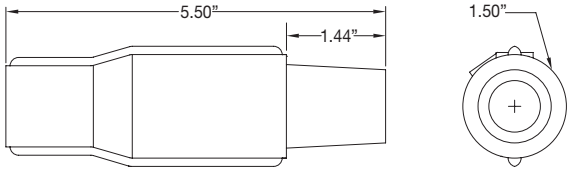


Female non-vulcanized plug

J-series E1016, rubber, vulcanized, crimp connection

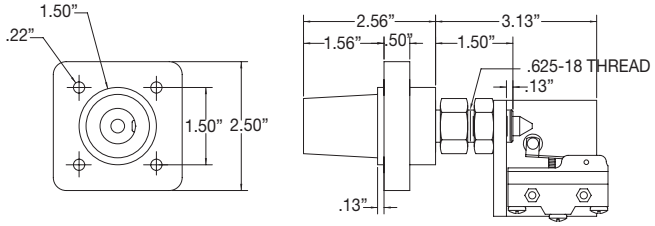


Male vulcanized plug



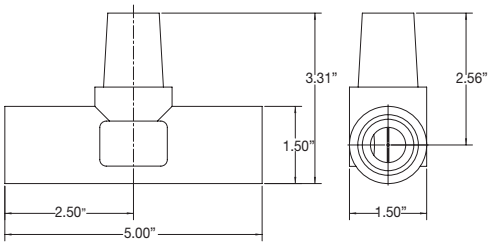
Female vulcanized plug

J-series E1016, elastomeric - double set screw/inter-lock switch

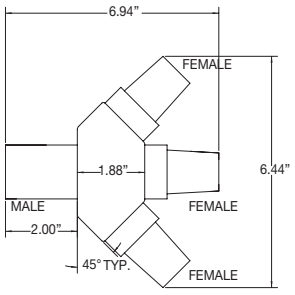


Female receptacle assembly with interlock switch

J-series E1016, elastomeric



Three-way lay-down “T” connectors

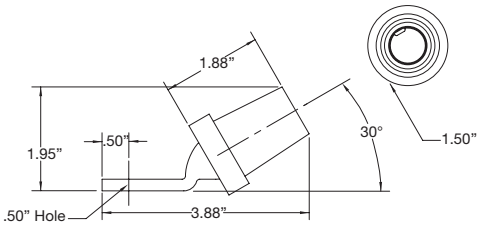


Three-fer tapping tee 45° M-F-F-F

Compliances, specifications and availability are subject to change without notice.

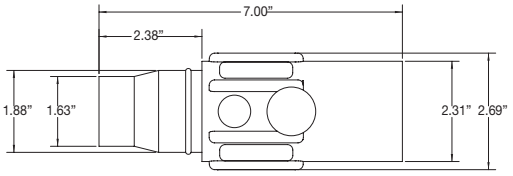
J-series dimensional drawings

J-series E1016, elastomeric or rubber

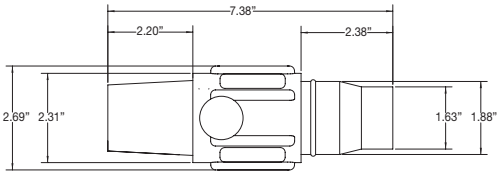


Female angle terminal connector

J-series E1017, rubber, vulcanized & non-vulcanized, double set screw connection

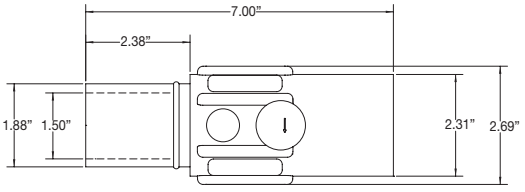


Male connector

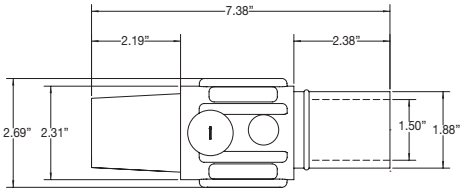


Female connector

J-series E1017, rubber, vulcanized & non-vulcanized crimp connection

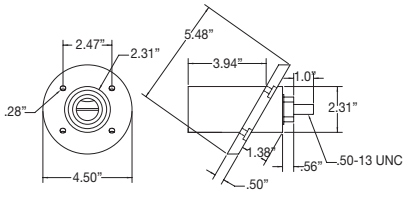


Male connector

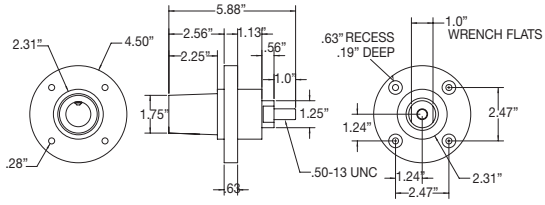


Female connector

J-series E1017, rubber, threaded stud

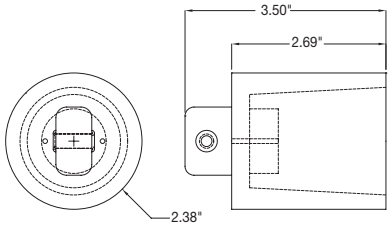


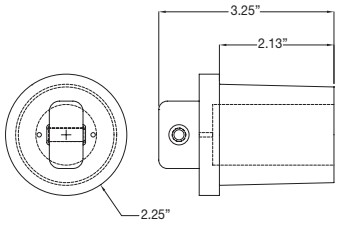
Male receptacle 30° angle



Female receptacle 90° angle

J-series E1017, protective caps





Compliances, specifications and availability are subject to change without notice.

Cam-Lok™ Standard series E-Z1018 plugs

Product description

Cable size #2 AWG – 2/0
600V AC/DC, up to 300A continuous
NEMA 3R

E-Z1018-8354

E-Z1018-8381

Standard series E-Z1018, elastomeric, non-vulcanized, double set screw connection

Features

- E-Z assembly and disassembly
- Double cam principle provides a positive, vibration-proof connection
- Self-compensating for wear
- No moving contact surfaces, eliminating arcing or burning
- Superior electromechanical connections
- Locked contacts will withstand a pulling force of 1,000 lbs.
- 1/3 of a turn assures a high pressure contact approaching 600 lbs. per sq. in. providing minimum resistance
- Contacts carefully machined from a high conductivity brass to a smooth sliding fit and easy locking action
- Watertight elastomeric insulators molded from colorfast material, color-coded for easy phase identification
- Accepts a wide range of cable sizes

Double set screw non-vulcanized male plugs

Cable size	Color	Complete part no.	Contact only part no.	Insulator only part no.
#2-2/0	BK	E-Z1018-8350	A200630-1	E-Z200071-19
	RD	E-Z1018-8352	A200630-1	E-Z200071-21
	GR	E-Z1018-8354	A200630-1	E-Z200071-23
	WH	E-Z1018-8355	A200630-1	E-Z200071-24
	BU	E-Z1018-8356	A200630-1	E-Z200071-37
	BRN	E-Z1018-8357	A200630-1	E-Z200071-39
	ORG	E-Z1018-8353	A200630-1	E-Z200071-22
	YEL	E-Z1018-8351	A200630-1	E-Z200071-20

Double set screw non-vulcanized female plugs

Cable size	Color	Complete part no.	Contact only part no.	Insulator only part no.
#2-2/0	BK	E-Z1018-8375	A200640-4	E-Z200072-19
	RD	E-Z1018-8377	A200640-4	E-Z200072-21
	GR	E-Z1018-8379	A200640-4	E-Z200072-23
	WH	E-Z1018-8380	A200640-4	E-Z200072-24
	BU	E-Z1018-8381	A200640-4	E-Z200072-37
	BRN	E-Z1018-8382	A200640-4	E-Z200072-39
	ORG	E-Z1018-8378	A200640-4	E-Z200072-22
	YEL	E-Z1018-8376	A200640-4	E-Z200072-20

For E-Z1018 elastomeric, non-vulcanized double set screw connection drawings, see page F-61
To order single packaged products add a "K" suffix to the complete part number

Color information:

BK (Black), RD (Red), GR (Green), WH (White), BU (Blue), BRN (Brown), ORG (Orange), YEL (Yellow)

BK	RD	GR	WH	BU	BRN	ORG	YEL
(Black)	(Red)	(Green)	(White)	(Blue)	(Brown)	(Orange)	(Yellow)

Testing & code compliance: Listed to UL1691, Listed to CSA C22.2, No. 1691-12, CSA certified to C22.2, No. 182.3 LR 13963
Material characteristics: Insulator: TPE, Environmental: NEMA 3R, Temperature rating: Operating ambient: -40° C to 105° C
Compliances, specifications and availability are subject to change without notice.

Single pole connectors

Cam-Lok™ Standard series E-Z1018 plugs

Product description

Cable size 2/0 – 4/0
600V AC/DC, up to 400A continuous
NEMA 3R

E-Z1018-8364

E-Z1018-8390

Standard series E-Z1018, elastomeric, non-vulcanized, double set screw connection

Features

- E-Z assembly and disassembly
- Double cam principle provides a positive, vibration-proof connection
- Self-compensating for wear
- No moving contact surfaces, eliminating arcing or burning
- Superior electromechanical connections
- Locked contacts will withstand a pulling force of 1,000 lbs.
- 1/3 of a turn assures a high pressure contact approaching 600 lbs. per sq. in. providing minimum resistance
- Contacts carefully machined from a high conductivity brass to a smooth sliding fit and easy locking action
- Watertight elastomeric insulators molded from colorfast material, color-coded for easy phase identification
- Accepts a wide range of cable sizes

Double set screw non-vulcanized male plugs

Cable size	Color	Complete part no.	Contact only part no.	Insulator only part no.
2/0-4/0	BK	E-Z1018-8362	A200639-1	E-Z200071-13
	RD	E-Z1018-8364	A200639-1	E-Z200071-15
	GR	E-Z1018-8366	A200639-1	E-Z200071-17
	WH	E-Z1018-8367	A200639-1	E-Z200071-18
	BU	E-Z1018-8368	A200639-1	E-Z200071-38
	BRN	E-Z1018-8369	A200639-1	E-Z200071-41
	ORG	E-Z1018-8365	A200639-1	E-Z200071-16
	YEL	E-Z1018-8363	A200639-1	E-Z200071-14

Double set screw non-vulcanized female plugs

Cable size	Color	Complete part no.	Contact only part no.	Insulator only part no.
2/0-4/0	BK	E-Z1018-8387	A200641-2	E-Z200072-13
	RD	E-Z1018-8389	A200641-2	E-Z200072-15
	GR	E-Z1018-8391	A200641-2	E-Z200072-17
	WH	E-Z1018-8392	A200641-2	E-Z200072-18
	BU	E-Z1018-8393	A200641-2	E-Z200072-38
	BRN	E-Z1018-8394	A200641-2	E-Z200072-41
	ORG	E-Z1018-8390	A200641-2	E-Z200072-16
	YEL	E-Z1018-8388	A200641-2	E-Z200072-14

For E-Z1018 elastomeric, non-vulcanized double set screw connection drawings, see page F-61
To order single packaged products add a "K" suffix to the complete part number

Color information:

BK (Black), RD (Red), GR (Green), WH (White), BU (Blue), BRN (Brown), ORG (Orange), YEL (Yellow)

BK	RD	GR	WH	BU	BRN	ORG	YEL
(Black)	(Red)	(Green)	(White)	(Blue)	(Brown)	(Orange)	(Yellow)

Testing & code compliance: Listed to UL1691, Listed to CSA C22.2, No. 1691-12, CSA certified to C22.2, No. 182.3 LR 13963
Material characteristics: Insulator: TPE, Environmental: NEMA 3R, Temperature rating: Operating ambient: -40° C to 105° C
Compliances, specifications and availability are subject to change without notice.

Cam-Lok™ Standard series E1018 receptacles & accessories

Product description

Cable size 1/0 – 4/0
600V AC/DC, up to 400A continuous
NEMA 3R

E1018-1700

E1018-1725

Standard series E1018 elastomeric, double set screw

Features

- Double cam principle provides a positive, vibration-proof connection
- Self-compensating for wear
- No moving contact surfaces, eliminating arcing or burning
- Superior electromechanical connections
- Locked contacts will withstand a pulling force of 1,000 lbs.
- Receptacles are safety insulated for direct mounting to steel panels
- 1/3 of a turn assures a high pressure contact approaching 600 lbs. per sq. in. providing minimum resistance
- Contacts carefully machined from a high conductivity brass to a smooth sliding fit and easy locking action
- Watertight elastomeric body molded from colorfast material, color-coded for easy phase identification
- Recessed contacts protected by insulating jacket that extends beyond contact ends for safety

Insulated receptacles - double set screw

Tightening torque	
Cable	Torque (In lbs.)
1/0-2/0	120
3/0-4/0	220

Color	Male complete part no.	Female complete part no.
BK	E1018-1700	E1018-1725
RD	E1018-1702	E1018-1727
GR	E1018-1704	E1018-1729
WH	E1018-1705	E1018-1730
BU	E1018-1706	E1018-1731
BRN	E1018-1707	E1018-1732
ORG	E1018-1703	E1018-1728
YEL	E1018-1701	E1018-1726

Three-fer tapping tee 45° M-F-F-F

Color	Part no.
BK	E1018-9510
RD	E1018-9512
GR	E1018-9514
WH	E1018-9515
BU	E1018-9516
BRN	E1018-9517
ORG	E1018-9513
YEL	E1018-9511

For E1018 elastomeric, double set screw connection drawings, see page F-61
To order single packaged products add a "K" suffix to the complete part number

Color information:

BK (Black), RD (Red), GR (Green), WH (White), BU (Blue), BRN (Brown), ORG (Orange), YEL (Yellow)

BK	RD	GR	WH	BU	BRN	ORG	YEL
(Black)	(Red)	(Green)	(White)	(Blue)	(Brown)	(Orange)	(Yellow)

Testing & code compliance: Listed to UL1691, Listed to CSA C22.2, No. 1691-12, CSA certified to C22.2, No. 182.3 LR 13963
Material characteristics: Insulator: TPE, Environmental: NEMA 3R, Temperature rating: Operating ambient: -40° C to 105° C
Compliances, specifications and availability are subject to change without notice.

Single pole connectors

Cam-Lok™ Standard series E1018

Product description

Cable size #2 AWG – 4/0
600V AC/DC, up to 400A continuous
NEMA 3R

E1018-1600

E1018-1631

Standard series E1018 elastomeric, threaded stud

Features

- Double cam principle provides a positive, vibration-proof connection
- Self-compensating for wear
- No moving contact surfaces, eliminating arcing or burning
- Superior electromechanical connections
- Locked contacts will withstand a pulling force of 1,000 lbs.
- 1/3 of a turn assures a high pressure contact approaching 600 lbs. per sq. inch providing minimum resistance
- Contacts carefully machined from a high conductivity brass to a smooth sliding fit and easy locking action
- Watertight elastomeric body molded from colorfast material, color-coded for easy phase identification
- Recessed contacts protected by insulating jacket that extends beyond contact ends for safety
- Receptacles are safety insulated for direct mounting to steel panels

Insulated receptacles 1 1/8" (28.6mm) threaded stud

	Color	Male complete part no.	Female complete part no.
1 1/8" (28.6mm) threaded stud	BK	E1018-1600S	E1018-1631S
	RD	E1018-1602S	E1018-1633S
Stud size 1/2"-13, maximum torque 40 ft. lbs.	GR	E1018-1604S	E1018-1635S
	WH	E1018-1605S	E1018-1636S
	BU	E1018-1606S	E1018-1637S
	BRN	E1018-1607S	E1018-1638S
	ORG	E1018-1603S	E1018-1634S
	YEL	E1018-1601S	E1018-1632S

Insulated receptacles 3/4" (19.1mm) threaded stud

	Color	Male complete part no.	Female complete part no.
3/4" (19.1mm) threaded stud	BK	E1018-1600	E1018-1631
	RD	E1018-1602	E1018-1633
Stud size 1/2"-13, maximum torque 40 ft. lbs.	GR	E1018-1604	E1018-1635
	WH	E1018-1605	E1018-1636
	BU	E1018-1606	E1018-1637
	BRN	E1018-1607	E1018-1638
	ORG	E1018-1603	E1018-1634
	YEL	E1018-1601	E1018-1632

For E1018 elastomeric, threaded stud drawings, see page F-61
To order single packaged products add a "K" suffix to the complete part number

Color information:

BK (Black), RD (Red), GR (Green), WH (White), BU (Blue), BRN (Brown), ORG (Orange), YEL (Yellow)

BK	RD	GR	WH	BU	BRN	ORG	YEL
(Black)	(Red)	(Green)	(White)	(Blue)	(Brown)	(Orange)	(Yellow)

Testing & code compliance: Listed to UL1691, Listed to CSA C22.2, No. 1691-12, CSA certified to C22.2, No. 182.3 LR 13963
Material characteristics: Insulator: TPE, Environmental: NEMA 3R, Temperature rating: Operating ambient: -40° C to 105° C
Compliances, specifications and availability are subject to change without notice.

Cam-Lok™ Standard series E1018 terminals

Product description

600V AC/DC, up to 400A continuous
NEMA 3R

E1018-575

E1018-625

Standard series E1018 terminal

Features

- Double cam principle provides a positive, vibration-proof connection
- Self-compensating for wear
- No moving contact surfaces, eliminating arcing or burning
- Superior electromechanical connections
- Locked contacts will withstand a pulling force of 1,000 lbs.
- 1/3 of a turn assures a high pressure contact approaching 600 lbs. per sq. in. providing minimum resistance
- Contacts carefully machined from a high conductivity brass to a smooth sliding fit and easy locking action
- Watertight body molded from colorfast material, color-coded for easy phase identification
- Recessed contacts protected by insulating jacket that extends beyond contact ends for safety

Female terminal connectors

Color	Angle style complete part no.	Offset style complete part no.
BK	E1018-575	E1018-625
RD	E1018-577	E1018-627
GR	E1018-579	E1018-629
WH	E1018-580	E1018-630
BU	E1018-587	E1018-638
BRN	E1018-590	E1018-639
ORG	E1018-578	E1018-628
YEL	E1018-576	E1018-626

Stud hole 21/32" (16.7mm)
For E1018 rubber terminal drawings, see page F-61
To order single packaged products add a "K" suffix to the complete part number

Color information:

BK (Black), RD (Red), GR (Green), WH (White), BU (Blue), BRN (Brown), ORG (Orange), YEL (Yellow)

BK	RD	GR	WH	BU	BRN	ORG	YEL
(Black)	(Red)	(Green)	(White)	(Blue)	(Brown)	(Orange)	(Yellow)

Testing & code compliance: Listed to UL1691, Listed to CSA C22.2, No. 1691-12, CSA certified to C22.2, No. 182.3 LR 13963
Material characteristics: Body: Rubber, Environmental: NEMA 3R, Temperature rating: Operating ambient: -40° C to 105° C
Compliances, specifications and availability are subject to change without notice.

Single pole connectors

Cam-Lok™ Standard series E1018 accessories

Product description

Cable size #2 AWG – 4/0
600V AC/DC, up to 400A continuous
NEMA 3R

E1018-2324

A100435-1

Standard series E1018 elastomeric

Features

- Double cam principle provides a positive, vibration-proof connection
- Self-compensating for wear
- No moving contact surfaces, eliminating arcing or burning
- Superior electromechanical connections
- Locked contacts will withstand a pulling force of 1,000 lbs.
- 1/3 of a turn assures a high pressure contact approaching 600 lbs. per sq. in. providing minimum resistance
- Contacts carefully machined from a high conductivity brass to a smooth sliding fit and easy locking action.
- Watertight body molded from colorfast material, color-coded for easy phase identification
- Recessed contacts protected by insulating jacket that extends beyond contact ends for safety

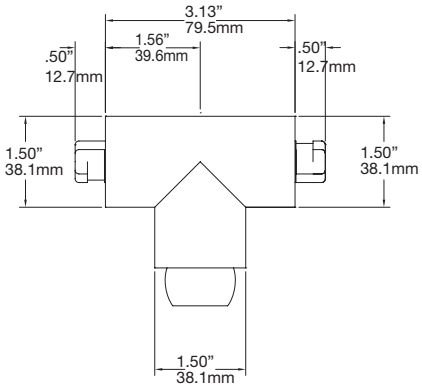
Three way lay-down "T" connectors

Color	Paralleling "T" M-M-F part no.	Tapping "T" M-F-F part no.
BK	E1018-2324	E1018-2312
RD	E1018-2326	E1018-2314
GR	E1018-2328	E1018-2316
WH	E1018-2329	E1018-2317
BU	E1018-2348	E1018-2350
BRN	E1018-2396	E1018-2395
ORG	E1018-2327	E1018-2315
YEL	E1018-2325	E1018-2313

Protective caps

Color	Male cap part no.	Female cap part no.
BK	A100435-1	A100433-1
RD	A100435-5	A100433-5
GR	A100435-9	A100433-9
WH	A100435-11	A100433-11
BU	A100435-15	A100433-15
BRN	A100435-13	A100433-13
ORG	A100435-7	A100433-7
YEL	A100435-3	A100433-3

To order single packaged products add a "K" suffix to the complete part number



Color information:

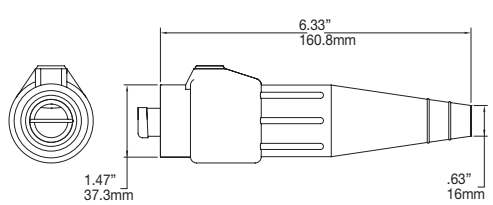
BK (Black), RD (Red), GR (Green), WH (White), BU (Blue), BRN (Brown), ORG (Orange), YEL (Yellow)

BK	RD	GR	WH	BU	BRN	ORG	YEL
(Black)	(Red)	(Green)	(White)	(Blue)	(Brown)	(Orange)	(Yellow)

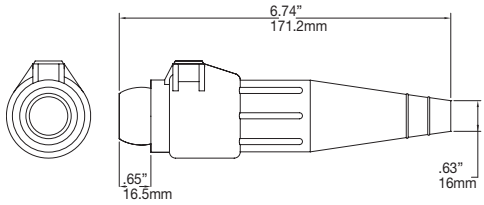
Testing & code compliance: Listed to UL1691, Listed to CSA C22.2, No. 1691-12, CSA certified to C22.2, No. 182.3 LR 13963
Material characteristics: Insulator: TPE, Environmental: NEMA 3R, Temperature rating: Operating ambient: -40° C to 105° C
Compliances, specifications and availability are subject to change without notice.

Standard dimensional drawings

Standard series E-Z1018, elastomeric, non-vulcanized, double set screw connection

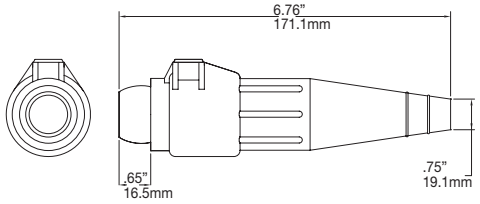


Male connector

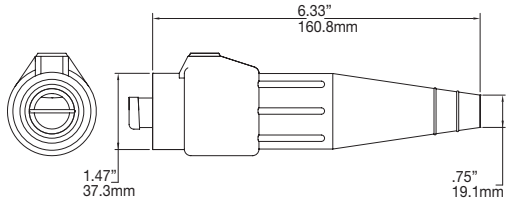


Female connector

Standard series E-Z1018, elastomeric, non-vulcanized, double set screw connection

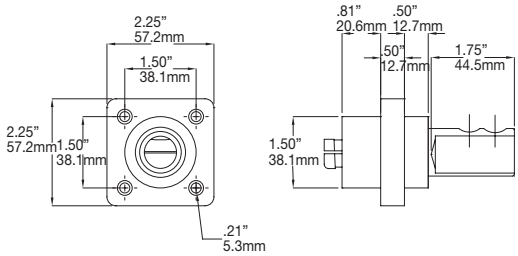


Male connector

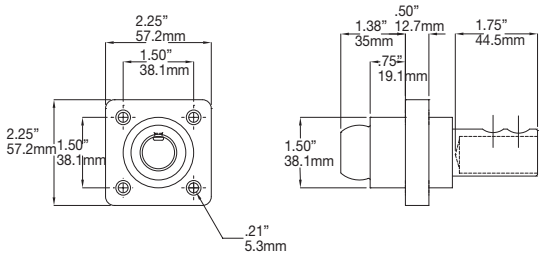


Female connector

Standard series E1018 elastomeric, double set screw

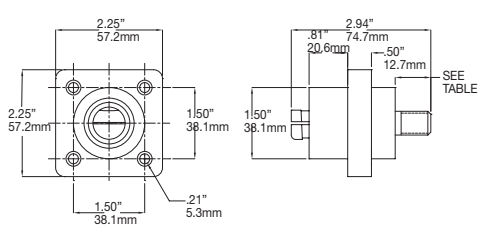


Male receptacle

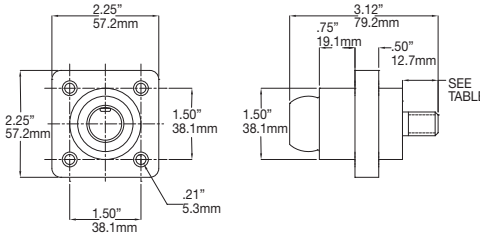


Female receptacle

Standard series E1018 elastomeric, threaded stud

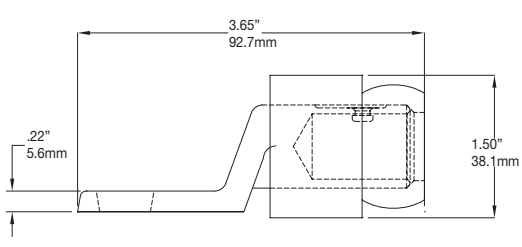


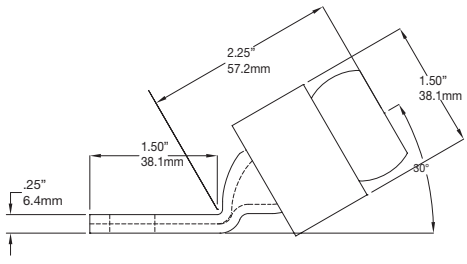
Male receptacle



Female receptacle

Standard series E1018 rubber terminal





Cam-Lok™ Parts & accessories

Product description

Portable vulcanizing kits and presses

Complete vulcanizing kits

Cable size	Cable O.D.	E1015 series	E1016 series
#8	.440	A300120-1	--
#6	.510	A300120-2	--
#4	.570	A300120-3	--
#2	.660	--	A300100-3
#1	.740	--	A300100-4
1/0	.770	--	A300100-5
2/0	.820	--	A300100-6
3/0	.870	--	A300100-7
4/0	.930	--	A300100-8

Kit contains: vulcanizing press, male and female COM-A-LONG, cable cutter, crimp press and neoprene tape.

Vulcanizing presses only

Cable size	Cable O.D.	E1015 series	E1016 series	E1017 series
#8	.440	A300121-1	--	--
#6	.510	A300100-2	--	--
#4	.570	A300100-3	--	--
#2	.660	--	A300103-3	--
#1	.740	--	A300103-4	--
1/0	.770	--	A300103-5	--
2/0	.820	--	A300103-6	--
3/0	.870	--	A300103-7	--
4/0	.930	--	A300103-8	--
350MCM	1.150	--	--	A300106-1
500MCM	1.310	--	--	A300106-2
750MCM	1.580	--	--	A300106-3

Plug molding bushings

Cable size	Nominal cable O.D.	E1015 series	E1016 series	E1017 series
#8	.440	201015-3	--	--
#6	.510	201015-15	--	--
#4	.570	201015-18	--	--
#2	.660	--	200895-20	--
#1	.740	--	200895-21	--
1/0	.770	--	200895-22	--
2/0	.820	--	200895-23	--
3/0	.870	--	200895-24	--
4/0	.930	--	200895-17	--
350MCM	1.150	--	--	200006-3
500MCM	1.310	--	--	200006-6
750MCM	1.580	--	--	200006-8

Compliances, specifications and availability are subject to change without notice.

Cam-Lok™ Parts & accessories

Product description

Molding press and accessories

Molding press parts and vulcanizing accessories

Part no.	Description
	All mold kits and presses
A400001*	E1016/E0400 assembly tool
319735-1	Neoprene vulcanizing tape, 1.5" x 30" roll
100566-1	Mold press thermostat
A100632*	Tool for removing contacts from insulators
100826-3	Mold press power on-off switch
A200020-1	COM-A-LONG for pulling male contact in E1015 series
A200020-2	COM-A-LONG for pulling female contact in E1015 series
100827-3	Mold press pilot light - red, complete with wired socket
200704-2	Cartridge heater - 350-750 MCM molds
200704-3	Cartridge heater - #2-4/0 molds
A100072*	Cable cutter - #2-4/0 cable
A200020-3*	COM-A-LONG for pulling male contact in E1012, E1016, E1018 and E0400 series
A200020-4*	COM-A-LONG for pulling female contact in E1012, E1016, E1018 and E0400 series
A200020-5	COM-A-LONG for pulling male contact in E1017 series
A200020-6	COM-A-LONG for pulling female contact in E1017 series
A101208*	2 oz. tube silicon grease for lubricating synthetic rubber insulators

E1015 & E1016 series crimping nest and presses

Cable size	Crimping nests part no.	Crimping presses
#8	100514-1	A200914-1
#4-6	100514-2	A200914-2
#1-2	100514-3	A200914-3
1/0-2/0	100514-4	A200914-4
3/0	100514-5	A200914-5
4/0	100514-6	A200914-6

Gage block for calibrating crimper: #100891

Other accessories

Connector series no.	Set screw	Copper shim	Quantity	Pressure pad	Retaining wire
E1010 all	100012-25	A100400-1	25	N/A	100573-1
E1012-61 & 62	100012-7	A100400-3	20	100575	100573-1
E1012 single set-screw	100012-18	A100400-3	20	N/A	100573-1
E1016 single set-screw	100012-18	A100400-3	20	N/A	100573-1
E1017 double set-screw	100012-5	A100400-9	10	N/A	100573-2
E1018 single set-screw	100012-18	A100400-3	20	N/A	100573-1
E1012 double set-screw	100012-18	A100400-4	20	101214	100573-1
E1016 double set-screw	100012-18	A100400-4	20	101214	100573-1

*See page F-70 for part reference photo

Compliances, specifications and availability are subject to change without notice.

Posi-Lok™ applications, features & benefits

Quick and safe power distribution connection system

Designed to meet Article 520-53 Section K and Article 530-22 Section A (NEC) Standards, the built-in safety features require the user to connect or disconnect each plug in sequence. Protective receptacle covers cannot be raised until the preceding plug is locked into position

Applications

- Posi-Lok™ power distribution panels bring a new level of safety to electrical power applications
- Posi-Lok™ systems utilize single conductor cable that can be used to full amperage capability without the need to derate like multi-conductor solutions
- Posi-Lok™ products are ideal for disaster relief, temporary power, standby emergency power and power distribution applications

Specifications

Electrical ratings

- 600 Volts
- 200 Amps continuous (E0200)
- 400 Amps continuous (E0400)

Temperature ratings

- -40° C to 105° C

Materials

- Cable sizes: #2-4/0
- Insulator: Elastomeric
- Contact: Copper

Environmental

- NEMA 3

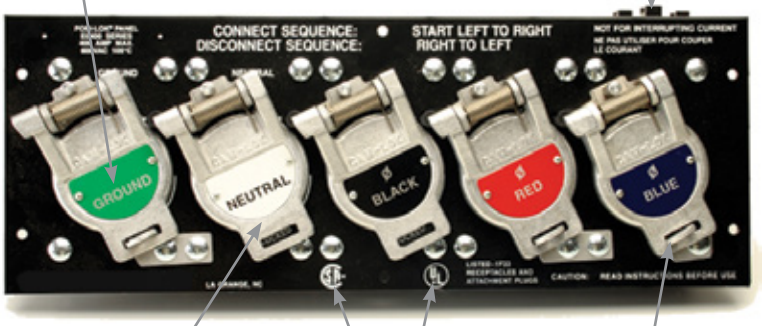
Certifications

- UL Listed: E67181
- CSA certified: LR13963-48

Features & benefits

Safe, sequential interlock ensures ground mates first and breaks last

Limit switch capabilities



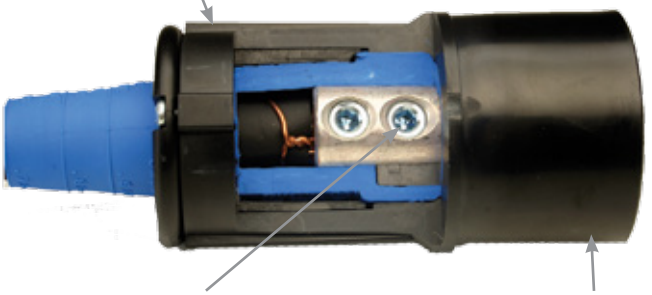
Reliable Posi-Lok™, cross-phase protection system ensures phase integrity

Quick and easy installation - panels can be mounted into a standard 19-inch rack

UL Listed and CSA certified

Lockout-tagout compatible for safety and security

Shatter-resistant insulators and polarizing shells provide long-lasting, durable connectors



Double set screw termination for added strength and quick installation (crimp also available)

Plugs are uniquely keyed and color-coded to eliminate cross-phasing

Cut-away view of E0400 male plug

Compliances, specifications and availability are subject to change without notice.

Posi-Lok™ applications, features & benefits

Quick and efficient standby and emergency power

Posi-Lok™ distribution panels use lightweight, single conductor cables to provide the means for hurried personnel to quickly and safely connect and disconnect power systems without having to use any tools

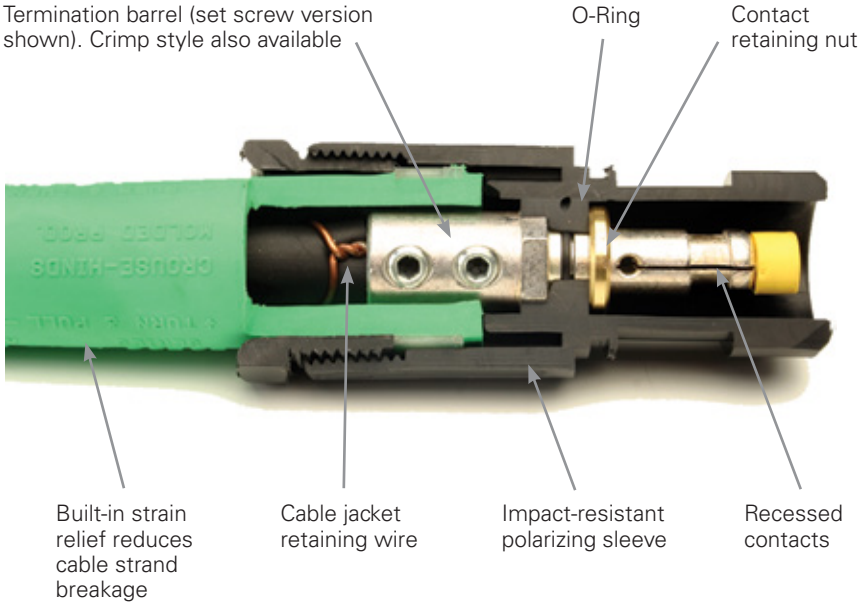
Posi-Lok™ connectors

Now there's no need to haul around huge, multi-conductor cables. Posi-Lok™ power distribution systems let you use lighter, single conductor cables rated at higher amperages

Posi-Lok™ plugs feature recessed electrical contacts that are protected by shatter-resistant insulators and impact-resistant molded sleeves

More than 25 years of field testing has proven that the unique elastomeric tapered insulator allows maximum flexing with minimum breakage. There are no metal clamps or grommets to cause cable failure

Features & benefits



Cut-away view of E0200 male plug

The same plugs that connect to panels also connect to each other so that you can use long runs of cable. Polarity is assured because each plug is uniquely keyed and color-coded for easy, positive connecting

Compliances, specifications and availability are subject to change without notice.

Posi-Lok™ plugs and panels E0200 series

Product description

Cable size #2 AWG-2/0
600V AC/DC, up to 200A continuous

Posi-Lok™ E0200 series female panels and male plugs

Features

- Designed to meet Article 520-53 Section K and Article 530-22 Section A (NEC) standards
- Sequential interlock system requires the user to connect and disconnect each plug in sequence
- Polarized plugs and panels eliminate the possibility of cross-phasing
- Built-in strain relief reduces cable strain
- Proven Cam-Lok™ double cam principle provides a positive, vibration-proof connection
- No moving contact surfaces, eliminating arching or burning of contacts
- Recessed contacts protected by insulating jacket that extends beyond contact ends for safety

Female panel part numbers

Receptacles per panel	Female panels	Cover color code
3	E0200-1685	GR, WH, BK
4	E0200-1686-NN	GR, BK, RD, BU
4	E0200-1696	GR, WH, BK, RD
4	E0200-1892-NN	GR, BRN, ORG, YEL
5	E0200-1687	GR, WH, BK, RD, BU
5	E0200-1890	GR, WH, BRN, ORG, YEL
6	E0200-1885	GR, WH, BK, RD, BU

Add "LS" suffix to end of part number to order panels with a limit switch. Available on last position only.
Example: E0200-1687LS. Limit switch ratings are 5A, 250V/AC.
Plugs must be ordered separately. See below.

Male plugs

Termination	Position	Male complete part no.	Male contact only part no.	Male insulator polarizing shell part no.
Crimp	GR	E0200-141	A201293-5	A201315-3
	WH	E0200-142	A201293-5	A201315-2
	BK	E0200-143	A201293-5	A201315-1
	RD	E0200-144	A201293-5	A201315-5
	BU	E0200-145	A201293-5	A201315-4
	BRN	E0200-147	A201293-5	A201315-9
	ORG	E0200-148	A201293-5	A201315-10
	YEL	E0200-149	A201293-5	A201315-8
Double set screw	GR	E0200-181	A201293-1	A201315-3
	WH	E0200-182	A201293-1	A201315-2
	BK	E0200-183	A201293-1	A201315-1
	RD	E0200-184	A201293-1	A201315-5
	BU	E0200-185	A201293-1	A201315-4
	BRN	E0200-199	A201293-1	A201315-9
	ORG	E0200-195	A201293-1	A201315-10
	YEL	E0200-192	A201293-1	A201315-8

Male plug assembled length is 8 3/4"

Color information:

BK (Black), RD (Red), GR (Green), WH (White), BU (Blue), BRN (Brown), ORG (Orange), YEL (Yellow)

BK	RD	GR	WH	BU	BRN	ORG	YEL
(Black)	(Red)	(Green)	(White)	(Blue)	(Brown)	(Orange)	(Yellow)

Testing & code compliance: Listed to UL498, file no. E67181, CSA certified to C22.2, no. 182.3-M1987, file no. LR13963
Material characteristics: Insulator: TPE, Polarizing shell: Thermoplastic, Temperature rating: -40° C to 105° C
Compliances, specifications and availability are subject to change without notice.

Posi-Lok™ plugs and panels E0200 series

Product description

Cable size #2 AWG-2/0
600V AC/DC, up to 200A continuous

Posi-Lok™ E0200 series male panels and female plugs

Features

- Designed to meet Article 520-53 Section K and Article 530-22 Section A (NEC) standards
- Sequential interlock system requires the user to connect and disconnect each plug in sequence
- Polarized plugs and panels eliminate the possibility of cross-phasing
- Built-in strain relief reduces cable strain
- Proven Cam-Lok™ double cam principle provides a positive, vibration-proof connection
- No moving contact surfaces, eliminating arching or burning of contacts
- Recessed contacts protected by insulating jacket that extends beyond contact ends for safety

Male panel part numbers

Receptacles per panel	Male panels	Cover color code
3	E0200-1660	GR, WH, BK
4	E0200-1661-NN	GR, BK, RD, BU
4	E0200-1672	GR, WH, BK, RD
4	E0200-1893-NN	GR, BRN, ORG, YEL
5	E0200-1662	GR, WH, BK, RD, BU
5	E0200-1891	GR, WH, BRN, ORG, YEL
6	E0200-1860	GR, WH, BK, RD, BU

Add "LS" suffix to end of part number to order panels with a limit switch. Available on last position only.
Example: E0200-1687LS. Limit switch ratings are 5A, 250V/AC.
Plugs must be ordered separately. See below.

Female plugs

Termination	Position	Female complete part no.	Female contact only part no.	Female insulator polarizing shell part no.
Crimp	GR	E0200-241	A201292-5	A201315-27
	WH	E0200-242	A201292-5	A201315-26
	BK	E0200-243	A201293-5	A201315-25
	RD	E0200-244	A201292-5	A201315-29
	BU	E0200-245	A201292-5	A201315-28
	BRN	E0200-247	A201292-5	A201315-33
	ORG	E0200-248	A201292-5	A201315-34
	YEL	E0200-249	A201292-5	A201315-32
Double set screw	GR	E0200-281	A201292-1	A201315-27
	WH	E0200-282	A201292-1	A201315-26
	BK	E0200-283	A201292-1	A201315-25
	RD	E0200-284	A201292-1	A201315-29
	BU	E0200-285	A201292-1	A201315-28
	BRN	E0200-288	A201292-1	A201315-33
	ORG	E0200-289	A201292-1	A201315-34
	YEL	E0200-286	A201292-1	A201315-32

Female plug assembled length is 8 3/4"

Color information:

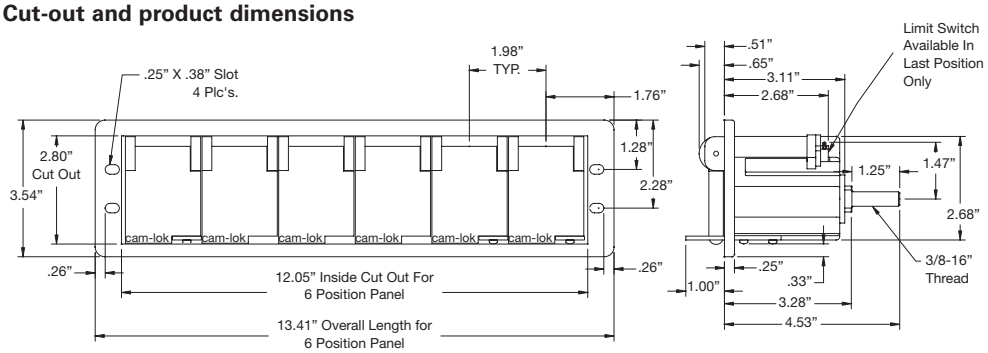
BK (Black), RD (Red), GR (Green), WH (White), BU (Blue), BRN (Brown), ORG (Orange), YEL (Yellow)

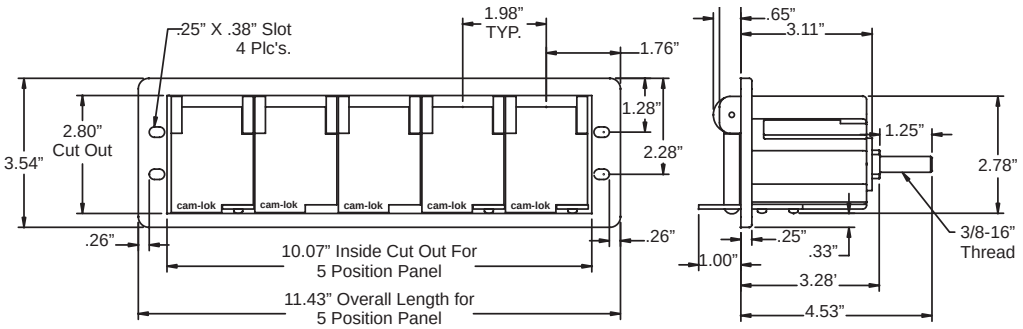
BK	RD	GR	WH	BU	BRN	ORG	YEL
(Black)	(Red)	(Green)	(White)	(Blue)	(Brown)	(Orange)	(Yellow)

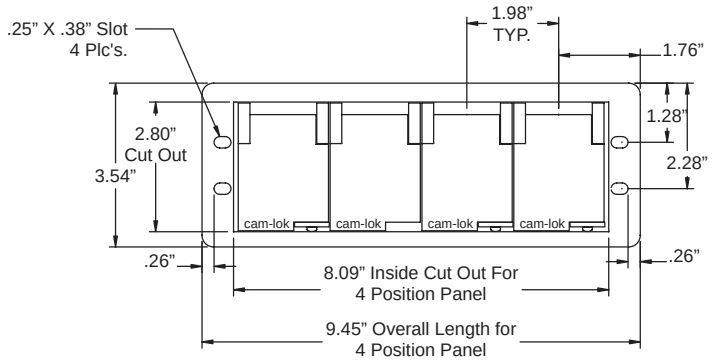
Testing & Code Compliance: Listed to UL498, file no. E67181, CSA certified to C22.2, no. 182.3-M1987, file no. LR13963
Material Characteristics: Insulator: TPE, Polarizing Shell: Thermoplastic, Temperature rating: -40° C to 105° C
Compliances, specifications and availability are subject to change without notice.

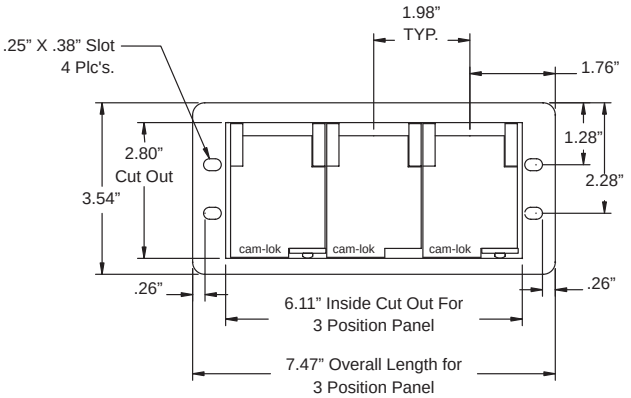
Posi-Lok™ E0200 panel dimensions

Cut-out and product dimensions









All measurements are in inches.
Compliances, specifications and availability are subject to change without notice.

Posi-Lok™ ratings

Posi-Lok™ plugs and panels

Technical information

- Ampacity is based on cable size or continuous rating, whichever is less
- Panel does not include enclosure or breakers, Posi-Lok™ system must be installed per local and national standards
- Panel receptacles have lock washers, flat washers and jam nuts included
- Plugs and panels have silver plated copper contacts

Posi-Lok™ E0200 ratings

Cable size	Amperage rating	Voltage rating
#2 AWG	190 AMPS	600 V AC
#1 AWG	200 AMPS	600 V AC
1/0	200 AMPS	600 V AC
2/0	200 AMPS	600 V AC

Posi-Lok™ E0400 ratings

Cable size	Amperage rating	Voltage rating
#2 AWG	190 AMPS	600 V AC
#1 AWG	220 AMPS	600 V AC
1/0	260 AMPS	600 V AC
2/0	300 AMPS	600 V AC
3/0	350 AMPS	600 V AC
4/0	400 AMPS	600 V AC

Compliances, specifications and availability are subject to change without notice.

Single pole connectors

Posi-Lok™ panels E0400 series

Product description

Cable size #2 AWG - 4/0
600V AC/DC, up to 400A continuous

Posi-Lok™ E0400 series female panels

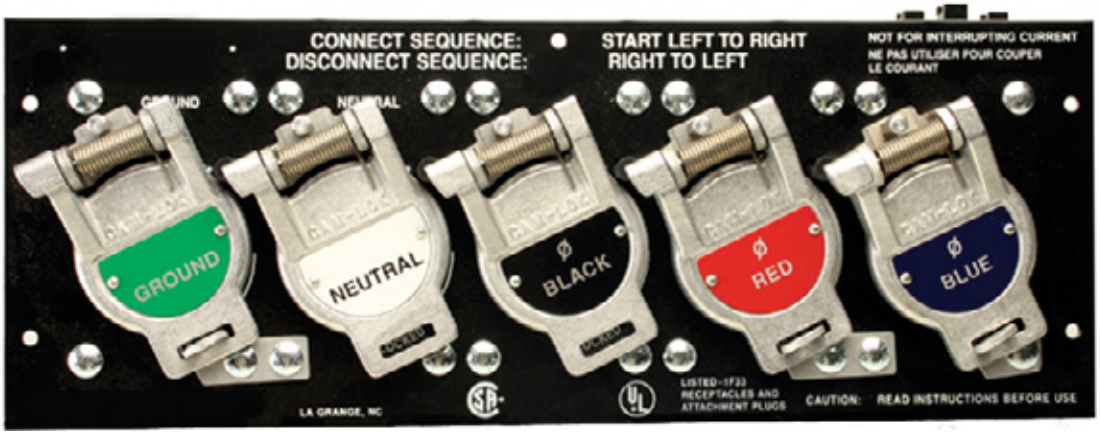
Features

- Designed to meet Article 520-53 Section K and Article 530-22 Section A (NEC) standards
- Sequential interlock system requires the user to connect and disconnect each plug in sequence
- Polarized panels eliminate the possibility of cross-phasing
- Proven Cam-Lok™ double cam principle provides a positive, vibration-proof connection
- No moving contact surfaces, eliminating arching or burning of contacts
- Recessed contacts protected by insulating jacket that extends beyond contact ends for safety

Female panel part numbers

Receptacles per panel	Female panels	Cover color code
3**	E0400-1685	GR, WH, BK
4*	E0400-1686-NN	GR, BK, RD, BU
4*	E0400-1696	GR, WH, BK, RD
4*	E0400-1883-NN	GR, BRN, ORG, YEL
5	E0400-1687	GR, WH, BK, RD, BU
5	E0400-1702	GR, WH, BRN, ORG, YEL
6	E0400-1885	GR, WH, BK, RD, BU

Add "LS" suffix to end of part number to order panels with a limit switch.
Available on all positions. Consult factory.
Limit switch ratings are [125, 250, 480V/AC, 15A], [125V/DC, .5A], [250V/DC, .25A]
Plugs must be ordered separately.
*Panels with 4 receptacles will have 2 blank plates to match the same footprint as 5 receptacle panels
**Panels with 3 receptacles will have 2 blank plates to match the same footprint as 5 receptacle panels



Color information:

BK (Black), RD (Red), GR (Green), WH (White), BU (Blue), BRN (Brown), ORG (Orange), YEL (Yellow)

BK	RD	GR	WH	BU	BRN	ORG	YEL
(Black)	(Red)	(Green)	(White)	(Blue)	(Brown)	(Orange)	(Yellow)

Testing & code compliance: Listed to UL498, file no. E67181, CSA certified to C22.2, no. 182.3-M1987, file no. LR13963
Material characteristics: Panel: Steel, Temperature rating: -40° C to 105° C
Compliances, specifications and availability are subject to change without notice.

Posi-Lok™ plugs E0400 series

Product description

Cable size #2 AWG - 4/0
600V AC/DC, up to 400A continuous

Male insulator

Male contact

Polarizing shell

Posi-Lok™ E0400 series male plugs, crimp & double set screw

Features

- Designed to meet Article 520-53 Section K and Article 530-22 Section A (NEC) standards
- Polarized plugs eliminate the possibility of cross-phasing
- Built-in strain relief reduces cable strain
- Proven Cam-Lok™ double cam principle provides a positive, vibration-proof connection
- No moving contact surfaces, eliminating arching or burning of contacts
- Recessed contacts protected by insulating jacket that extends beyond contact ends for safety

Male plugs

Termination	Position	Male complete part no.	Male contact only part no.	Male insulator part no.	Polarizing shell part no.
Crimp 1/0-2/0	GR	E0400-141	A201271-2	3336200-1	A201263-6
	WH	E0400-142	A201271-2	3336200-2	A201263-7
	BK	E0400-143	A201271-2	3336200-3	A201263-8
	RD	E0400-144	A201271-2	3336200-4	A201263-9
	BU	E0400-145	A201271-2	3336200-5	A201263-10
	BRN	E0400-146	A201271-2	3336200-6	A201263-29
	ORG	E0400-147	A201271-2	3336200-7	A201263-30
	YEL	E0400-148	A201271-2	3336200-8	A201263-31
Crimp 3/0-4/0	GR	E0400-161	A201271-1	3336200-9	A201263-1
	WH	E0400-162	A201271-1	3336200-10	A201263-2
	BK	E0400-163	A201271-1	3336200-11	A201263-3
	RD	E0400-164	A201271-1	3336200-12	A201263-4
	BU	E0400-165	A201271-1	3336200-13	A201263-5
	BRN	E0400-166	A201271-1	3336200-14	A201263-26
	ORG	E0400-167	A201271-1	3336200-15	A201263-23
	YEL	E0400-168	A201271-1	3336200-16	A201263-25
Double set screw #2-2/0	GR	E0400-151	A201283-3	3336200-1	A201263-6
	WH	E0400-152	A201283-3	3336200-2	A201263-7
	BK	E0400-153	A201283-3	3336200-3	A201263-8
	RD	E0400-154	A201283-3	3336200-4	A201263-9
	BU	E0400-155	A201283-3	3336200-5	A201263-10
	BRN	E0400-156	A201283-3	3336200-6	A201263-29
	ORG	E0400-157	A201283-3	3336200-7	A201263-30
	YEL	E0400-158	A201283-3	3336200-8	A201263-31
Double set screw 3/0-4/0	GR	E0400-181	A201283-1	3336200-9	A201263-1
	WH	E0400-182	A201283-1	3336200-10	A201263-2
	BK	E0400-183	A201283-1	3336200-11	A201263-3
	RD	E0400-184	A201283-1	3336200-12	A201263-4
	BU	E0400-185	A201283-1	3336200-13	A201263-5
	BRN	E0400-199	A201283-1	3336200-14	A201263-26
	ORG	E0400-195	A201283-1	3336200-15	A201263-23
	YEL	E0400-192	A201283-1	3336200-16	A201263-25

Assembled length is 7 1/4"

Testing & code compliance: Listed to UL498, file no. E67181, CSA certified to C22.2, no. 182.3-M1987, file no. LR13963
Material characteristics: Insulator: TPE, Polarizing shell: Thermoplastic, Temperature rating: -40° C to 105° C
Compliances, specifications and availability are subject to change without notice.

Posi-Lok™ plugs & panels E0400 series

Product description

Cable size #2 AWG - 4/0
600V AC/DC, up to 400A continuous

Posi-Lok™ E0400 series male panels

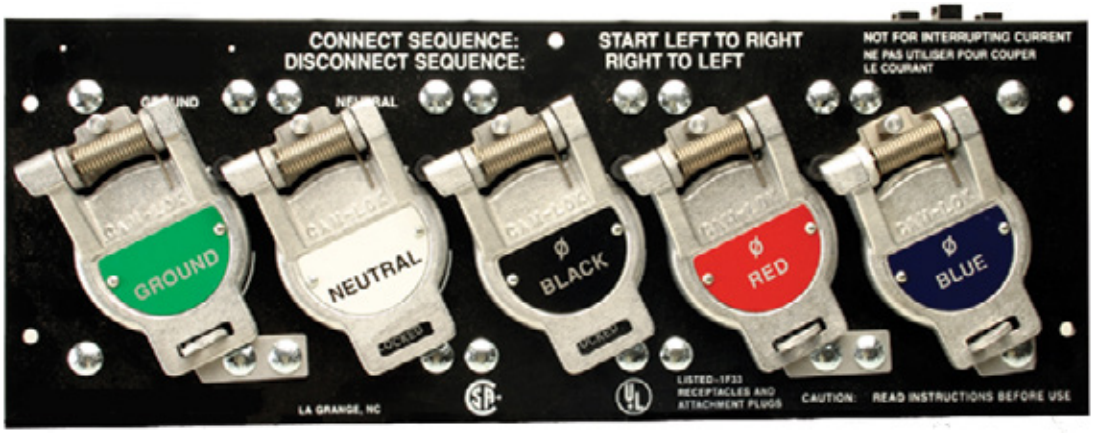
Features

- Designed to meet Article 520-53 Section K and Article 530-22 Section A (NEC) standards
- Sequential interlock system requires the user to connect and disconnect each plug in sequence
- Polarized panels eliminate the possibility of cross-phasing
- Proven Cam-Lok™ double cam principle provides a positive, vibration-proof connection
- No moving contact surfaces, eliminating arching or burning of contacts
- Recessed contacts protected by insulating jacket that extends beyond contact ends for safety

Male panel part numbers

Receptacles per panel	Male panels	Cover color code
3**	E0400-1660	GR, WH, BK
4*	E0400-1661-NN	GR, BK, RD, BU
4*	E0400-1672	GR, WH, BK, RD
4*	E0400-1862-NN	GR, BRN, ORG, YEL
5	E0400-1662	GR, WH, BK, RD, BU
5	E0400-1703	GR, WH, BRN, ORG, YEL
6	E0400-1860	GR, WH, BK, RD, BU

Add "LS" suffix to end of part number to order panels with a limit switch.
Available on all positions. Consult factory.
Limit switch ratings are [125, 250, 480V/AC, 15A], [125V/DC, .5A], [250V/DC, .25A]
Plugs must be ordered separately.
*Panels with 4 receptacles will have 2 blank plates to match the same footprint as 5 receptacle panels
**Panels with 3 receptacles will have 2 blank plates to match the same footprint as 5 receptacle panels



Color information:

BK (Black), RD (Red), GR (Green), WH (White), BU (Blue), BRN (Brown), ORG (Orange), YEL (Yellow)

BK	RD	GR	WH	BU	BRN	ORG	YEL
(Black)	(Red)	(Green)	(White)	(Blue)	(Brown)	(Orange)	(Yellow)

Testing & code compliance: Listed to UL498, file no. E67181, CSA certified to C22.2, no. 182.3-M1987, file no. LR13963
Material characteristics: Insulator: TPE, Polarizing shell: Thermoplastic, Temperature rating: -40° C to 105° C
Compliances, specifications and availability are subject to change without notice.

Posi-Lok™ plugs & panels E0400 series

Product description

Cable size #2 AWG - 4/0
600V AC/DC, up to 200A continuous

Posi-Lok™ E0400 series female plugs, crimp & double set screw

Features

- Designed to meet Article 520-53 Section K and Article 530-22 Section A (NEC) standards
- Polarized plugs eliminate the possibility of cross-phasing
- Proven Cam-Lok™ double cam principle provides a positive, vibration-proof connection
- No moving contact surfaces, eliminating arching or burning of contacts
- Recessed contacts protected by insulating jacket that extends beyond contact ends for safety
- Built-in strain relief reduces cable strain

Female plugs

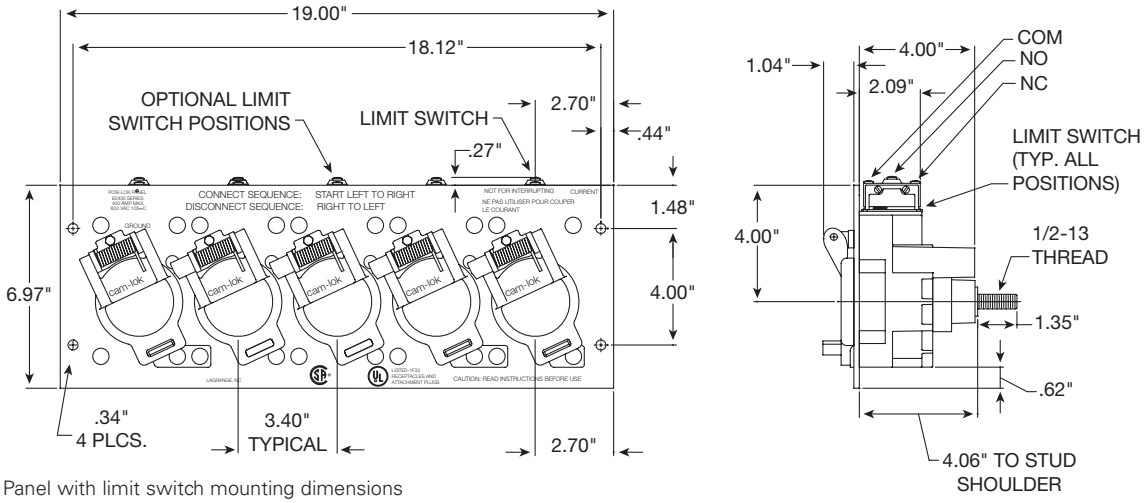
Termination	Position	Female complete part no.	Female contact only part no.	Female insulator part no.	Polarizing shell part no.
Crimp 1/0-2/0	GR	E0400-241	A201272-4	3336199-1	A201262-6
	WH	E0400-242	A201272-4	3336199-2	A201262-7
	BK	E0400-243	A201272-4	3336199-3	A201262-8
	RD	E0400-244	A201272-4	3336199-4	A201262-9
	BU	E0400-245	A201272-4	3336199-5	A201262-10
	BRN	E0400-246	A201272-4	3336199-6	A201262-27
	ORG	E0400-247	A201272-4	3336199-7	A201262-28
	YEL	E0400-248	A201272-4	3336199-8	A201262-29
Crimp 3/0-4/0	GR	E0400-261	A201272-2	3336199-9	A201262-1
	WH	E0400-262	A201272-2	3336199-10	A201262-2
	BK	E0400-263	A201272-2	3336199-11	A201262-3
	RD	E0400-264	A201272-2	3336199-12	A201262-4
	BU	E0400-265	A201272-2	3336199-13	A201262-5
	BRN	E0400-266	A201272-2	3336199-14	A201262-26
	ORG	E0400-267	A201272-2	3336199-15	A201262-23
	YEL	E0400-268	A201272-2	3336199-16	A201262-25
Double set screw #2-2/0	GR	E0400-251	A201284-3	3336199-1	A201262-6
	WH	E0400-252	A201284-3	3336199-2	A201262-7
	BK	E0400-253	A201284-3	3336199-3	A201262-8
	RD	E0400-254	A201284-3	3336199-4	A201262-9
	BU	E0400-255	A201284-3	3336199-5	A201262-10
	BRN	E0400-256	A201284-3	3336199-6	A201262-27
	ORG	E0400-257	A201284-3	3336199-7	A201262-28
	YEL	E0400-258	A201284-3	3336199-8	A201262-29
Double set screw 3/0-4/0	GR	E0400-281	A201284-1	3336199-9	A201262-1
	WH	E0400-282	A201284-1	3336199-10	A201262-2
	BK	E0400-283	A201284-1	3336199-11	A201262-3
	RD	E0400-284	A201284-1	3336199-12	A201262-4
	BU	E0400-285	A201284-1	3336199-13	A201262-5
	BRN	E0400-299	A201284-1	3336199-14	A201262-26
	ORG	E0400-295	A201284-1	3336199-15	A201262-23
	YEL	E0400-292	A201284-1	3336199-16	A201262-25

Female plug assembled length is 7 1/4"

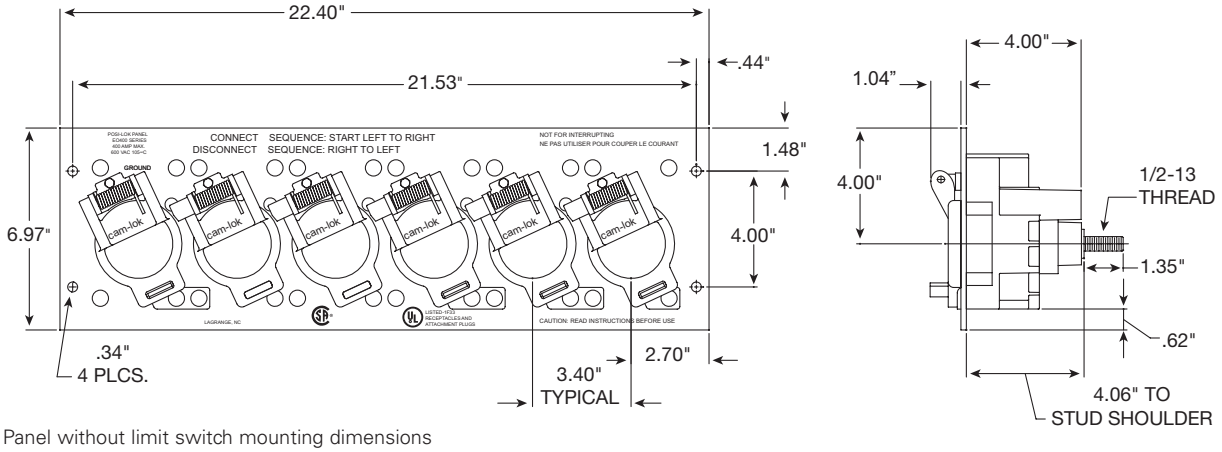
Testing & code compliance: Listed to UL498, file no. E67181, CSA certified to C22.2, no. 182.3-M1987, file no. LR13963
Material characteristics: Insulator: TPE, Polarizing shell: Thermoplastic, Temperature rating: -40° C to 105° C
Compliances, specifications and availability are subject to change without notice.

Posi-Lok™ E0400 series panel dimensions/caps

Cut-out and product dimensions/caps



Panel with limit switch mounting dimensions



Panel without limit switch mounting dimensions

Protective plug caps

Part no.	Description
A100601-17	Cap for male E0400
A100602-17	Cap for female E0400
A201318-1	Cap for male E0200
A201319-1	Cap for female E0200

Compliances, specifications and availability are subject to change without notice.

Posi-Lok™ tools & accessories

Product description

Replacement parts, crimping nest and presses

Molding press parts and vulcanizing accessories

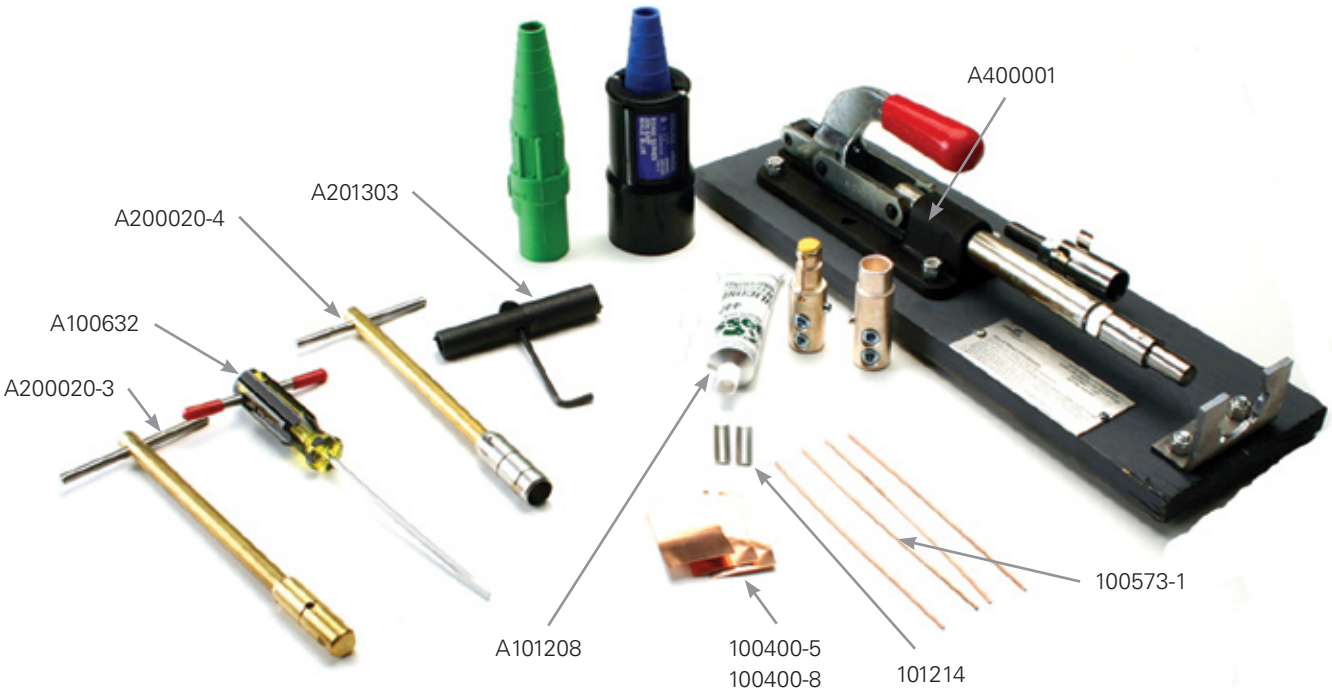
Part no.	Description
A400001	Assembly tool
A100632	Tool for removing contacts from insulators
A100072	Cable cutter - #2 - 4/0 cable
201310	Insulator holding bracket
A201303	Assembly tool for 200A plugs
A200020-3	COM-A-LONG for pulling male contact
A200020-4	COM-A-LONG for pulling female contact
A101208	2 oz. tube silicon grease for lubricating mating end of synthetic rubber insulators

Crimping nest and presses

Cable size	Crimping nests part no.	Crimping presses (includes crimp nest)
#2-#1	100514-3	A200914-3
1/0-2/0	100514-4	A200914-4
3/0	100514-5	A200914-5
4/0	100514-6	A200914-6

Other accessories

Connector series no.	Set screw	Copper shim	Pressure pad	Retaining wire
E0200	100012-33	100400-5	N/A	100573-1
E0400	100012-18	100400-8	101214	100573-1



Compliances, specifications and availability are subject to change without notice.

SECTION G

G
SECTION

Pin & Sleeve Devices

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Arrow Hart

Arrow Hart's pin & sleeve devices and mechanical interlocks

Pin & sleeve devices

Sturdy nylon construction, rugged design with corrosion resistant components for lasting electrical performance. Watertight sealing that provides IP69K protection so you can feel confident in even the most severe washdown environments.

IP69K certified

Pin & sleeve mechanical interlocks

Factory-wired in a single unit for easy installation, our watertight pin & sleeve mechanical interlocks provide an interlocked switch and overload protection within an enclosure that prevents plugs from being engaged or disengaged under load.

Compliances, specifications and availability are subject to change without notice.

IP69K testing

The IP69K test was designed specifically for rating protection against a high pressure jet stream (1160 to 1450 psi), high liquid temperature (176°F) and close nozzle distances (4" to 6") from the device surface

IP69K certified

What does IP69K testing mean to you

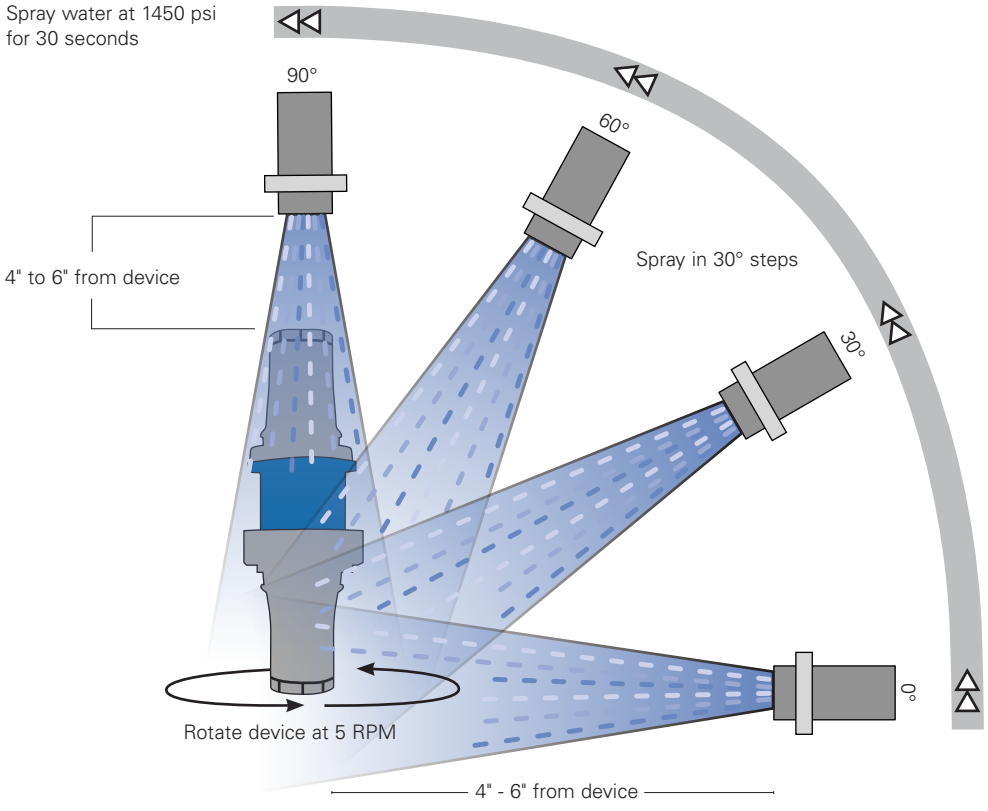
The IP69K rating is designed to tackle high pressure, high temperature washdown applications. The "6" applies to external protection from dust. The "9" signifies protection from close-range high pressure spray downs, and the "K" applies to the high temperature of the water used. Arrow Hart's new pin & sleeve devices are designed to face some of the most severe operating conditions, often in the most challenging environments making them ideal for a wide range of markets, including food and beverage, mining, and industrial facilities.

How IP69K testing works

To obtain an IP69K protection rating – a strong water jet is directed at the device from 4 directions and to achieve the rating it must not have any harmful effects. A jet nozzle at 0°, 30°, 60° and 90° to the rotating table at 176°F, 4–6 inches away at 1160–1450 psi. The test time is 2 minutes.

IP69K Test

Water temperature = 176°F (80°C)



1 The IP69K standard requires the water pressure to be between 1160-1450 psi, at a rate of about 4 gallons/minute, and at the temperature of 176°F

2 The nozzle from which the water is sprayed is between 4 and 6 inches from device

3 Spray is applied at angles of 0°, 30°, 60°, and 90 for duration of 30 seconds at each angle, while the product is rotated at 5 RPM

4 IP69K ratings mean product is dust tight and protected against effects of high pressure, high temperature liquids

After testing, water must not be present inside the device

Compliances, specifications and availability are subject to change without notice.

IP69K pin & sleeve plugs

The industry's first pin & sleeve devices that are designed to address high pressure, high temperature washdown applications

Arrow Hart's pin and sleeve devices are unlike other brands - our devices are the industry's first to offer IP69K rated protection. Each device has been carefully engineered to offer reliability, efficiency, and added safety protection in demanding wet locations, particularly where harsh washdowns are a must!

Pin & sleeve plugs features & benefits

IP69K certified

Mechanical cord clamp with silicone grommet seal and locking screw ensures a positive and watertight strain relief system

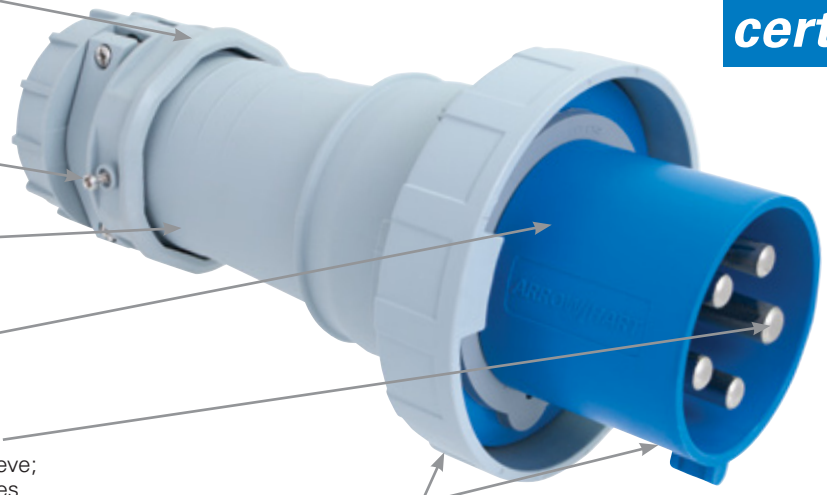
Tri-combo cord grip screws for convenience

Durable impact resistant thermoplastic body

Color-coded front housing for easy and accurate identification of voltages

Oversized grounding pin assures mating only with oversized female grounding sleeve; staggered contact to ensure ground makes first and breaks last

Engineered thermoplastic material improves cold impact performance for 60A & 100A devices



Nickel plated pins offer long life corrosion protection

Threaded NPT cable entry provides efficient means of attaching flexible conduit or wire mesh grips

Pins fully shrouded for mechanical protection; lockout hole for plugs

Tapered wiring pockets to ease insertion of stranded wire; deep pockets with clear markings keep bare conductors isolated

Compliances, specifications and availability are subject to change without notice.

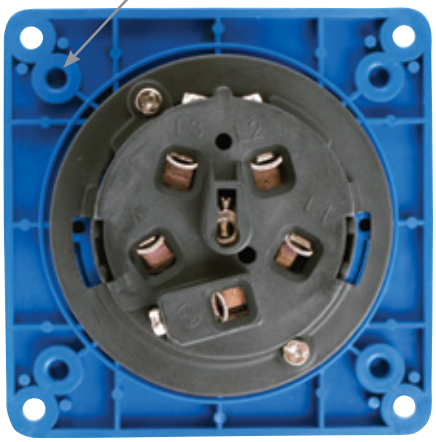
IP69K pin & sleeve receptacles

Pin & sleeve receptacles features & benefits

Spring-loaded self-closing cap with silicone gasket protects contacts when not in use. Watertight cap meets IP67 and IP69K protection standards

Rugged materials selected for use in wet locations; provides corrosion resistance

Standard mounting footprints and blind holes provide interchangeability with major brands



IP69K *certified*

Individual silicone sealing grommets with cord diameter range makes for faster, easier assembly

Impact-resistant thermoplastic contact carrier provides superior electrical insulation and V0 flammability rating*

*Does not include 20/30A inlets

Nickel plated contacts with self-cleaning field-proven pressure bands for smooth pin insertion, low heat rise, corrosion resistance, and quality electrical performance

Compliances, specifications and availability are subject to change without notice.

How to order from the complete line of pin & sleeve products

Understanding IEC 309 pin & sleeve device and mechanical interlock catalog numbers

Pin & sleeve devices

Pin & sleeve device sample number:
AH420P7W

AH 4 20 P 7 W

# of wires
3 = 3-wire
4 = 4-wire
5 = 5-wire

Amperage
20 = 20 amps
30 = 30 amps
60 = 60 amps
100 = 100 amps

Pin & sleeve devices product type
P = Plug
C = Connector
R = Receptacle
B = Inlet

Clock position of female grounding contract
3 = 380V/AC, 50Hz - 440V/AC, 60Hz
4 = 125V/AC
5 = 277V/AC or 3Ø 600V/AC or 3Ø 347/600V/AC
6 = 250V/AC or 380-415V/AC or 220/380-240/415V/AC
7 = 480V/AC or 3Ø 480V/AC or 3ØY 277/480V/AC
9 = 380-415V/AC or 3Ø 250V/AC or 3ØY 120/208V/AC
11 = 440-460V/AC, 60Hz
12 = 125/250V/AC

Note:
Exceptions for pin & sleeve devices:
Not every clock face position available for each pole/amp/device combo.
Consult your Eaton wiring devices representative for details.

Pin & sleeve mechanical interlock devices

Pin & sleeve mechanical interlock device sample number:
CD360MIF4W

CD 3 60 MIF 4 W

# of wires
3 = 3-wire
4 = 4-wire
5 = 5-wire

Amperage
20 = 20 amps
30 = 30 amps
60 = 60 amps
100 = 100 amps

Pin & sleeve mechanical interlockproduct type
MI = Mechanical interlock (non-fusible)
MIF = Mechanical interlock (fusible)
MIB = Mechanical interlock, fuse option
MICB = Mechanical interlock, circuit breaker option

Clock position of female grounding contract
3 = 380V/AC, 50Hz - 440V/AC, 60Hz
4 = 125V/AC
5 = 277V/AC or 3Ø 600V/AC or 3Ø 347/600V/AC
6 = 250V/AC or 380-415V/AC or 220/380-240/415V/AC
7 = 480V/AC or 3Ø 480V/AC or 3ØY 277/480V/AC
9 = 380-415V/AC or 3Ø 250V/AC or 3ØY 120/208V/AC
11 = 440-460V/AC, 60Hz
12 = 125/250V/AC

Note:
Exceptions for mechanical interlock:
HMI available only on 20A.
MIF available only on 30A & 60A
MIB & MICB available only on 20A, 30A & 60A
Not every clock face position available for each pole/amp/device combo.
Consult your Eaton wiring devices representative for details.

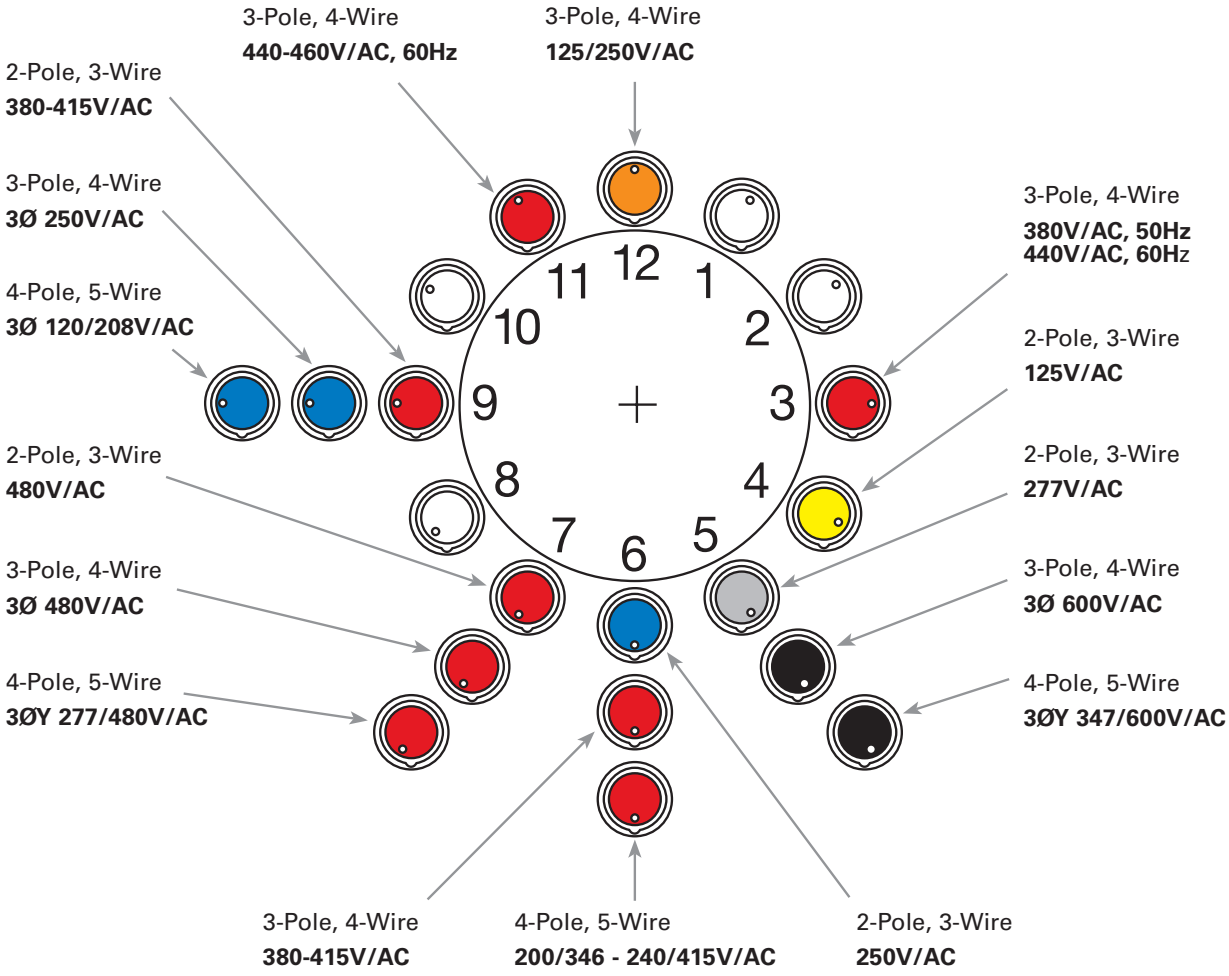
Compliances, specifications and availability are subject to change without notice.

Pin and sleeve configurations

Understanding pin & sleeve configurations

Arrow Hart's full line of pin & sleeve products meet or exceed the rigorous IEC 309-1 and 309-2 watertight requirements, and as such are intermateable with all other non-hazardous IEC 309 devices.

A "clock face" is used to represent the grounding contact position for all female connectors and receptacles. With the keyway at the bottom, the female grounding contact will appear at one of the twelve "hour" positions. To identify the system's voltage, identify the housing color and hour location of the connector or receptacle grounding outlet.

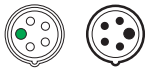


Examples of pin & sleeve connectors with their corresponding wiring diagrams

AH560C9W

4-Pole, 5-Wire
3Ø 120/208V/AC

Wiring diagram indicating contact position



AH4125C6W

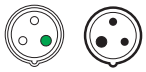
3-Pole, 4-Wire
380-415V/AC

Wiring diagram indicating contact position

AH320C4W

2-Pole, 3-Wire
125V/AC

Wiring diagram indicating contact position



Compliances, specifications and availability are subject to change without notice.

Pin & sleeve devices

IEC 309 watertight pin & sleeve devices

Product description

North American 20A, 30A, 60A & 100A for receptacles, plugs, connectors & inlets

Receptacle

Plug

Connector

Inlet

AH560R9W-5

Rating A	Poles/ wires	V/AC, color coding & configurations	Receptacle catalog no.	Plug catalog no.	Connector catalog no.	Inlet catalog no.	15° Angled Receptacle catalog no.
20	2-P, 3-W	125	☐ AH320R4W	☐ AH320P4W	☐ AH320C4W	☐ AH320B4W	—
		250	☐ AH320R6W	☐ AH320P6W	☐ AH320C6W	☐ AH320B6W	—
		480	☐ AH320R7W	☐ AH320P7W	☐ AH320C7W	☐ AH320B7W	—
	3-P, 4-W	125/250	☐ AH420R12W	☐ AH420P12W	☐ AH420C12W	☐ AH420B12W	—
		3Ø 250	☐ AH420R9W	☐ AH420P9W	☐ AH420C9W	☐ AH420B9W	—
		3Ø 480	☐ AH420R7W	☐ AH420P7W	☐ AH420C7W	☐ AH420B7W	—
		3Ø 600	☐ AH420R5W	☐ AH420P5W	☐ AH420C5W	☐ AH420B5W	—
	4-P, 5-W	3ØY 120/208	☐ AH520R9W	☐ AH520P9W	☐ AH520C9W	☐ AH520B9W	—
		3ØY 277/480	☐ AH520R7W	☐ AH520P7W	☐ AH520C7W	☐ AH520B7W	—
		3ØY 347/600	☐ AH520R5W	☐ AH520P5W	☐ AH520C5W	☐ AH520B5W	—
30	2-P, 3-W	125	☐ AH330R4W	☐ AH330P4W	☐ AH330C4W	☐ AH330B4W	—
		250	☐ AH330R6W	☐ AH330P6W	☐ AH330C6W	☐ AH330B6W	—
		480	☐ AH330R7W	☐ AH330P7W	☐ AH330C7W	☐ AH330B7W	—
	3-P, 4-W	125/250	☐ AH430R12W	☐ AH430P12W	☐ AH430C12W	☐ AH430B12W	—
		3Ø 250	☐ AH430R9W	☐ AH430P9W	☐ AH430C9W	☐ AH430B9W	—
		3Ø 480	☐ AH430R7W	☐ AH430P7W	☐ AH430C7W	☐ AH430B7W	—
		3Ø 600	☐ AH430R5W	☐ AH430P5W	☐ AH430C5W	☐ AH430B5W	—
	4-P, 5-W	3ØY 120/208	☐ AH530R9W	☐ AH530P9W	☐ AH530C9W	☐ AH530B9W	—
		3ØY 277/480	☐ AH530R7W	☐ AH530P7W	☐ AH530C7W	☐ AH530B7W	—
		3ØY 347/600	☐ AH530R5W	☐ AH530P5W	☐ AH530C5W	☐ AH530B5W	—
60	2-P, 3-W	125	☐ AH360R4W	☐ AH360P4W	☐ AH360C4W	☐ AH360B4W	—
		250	☐ AH360R6W	☐ AH360P6W	☐ AH360C6W	☐ AH360B6W	—
		480	☐ AH360R7W	☐ AH360P7W	☐ AH360C7W	☐ AH360B7W	—
	3-P, 4-W	125/250	☐ AH460R12W	☐ AH460P12W	☐ AH460C12W	☐ AH460B12W	—
		3Ø 250	☐ AH460R9W	☐ AH460P9W	☐ AH460C9W	☐ AH460B9W	—
		3Ø 480	☐ AH460R7W	☐ AH460P7W	☐ AH460C7W	☐ AH460B7W	—
		3Ø 600	☐ AH460R5W	☐ AH460P5W	☐ AH460C5W	☐ AH460B5W	—
	4-P, 5-W	3ØY 120/208	☐ AH560R9W	☐ AH560P9W	☐ AH560C9W	☐ AH560B9W	☐ AH560R9W-15
		3ØY 277/480	☐ AH560R7W	☐ AH560P7W	☐ AH560C7W	☐ AH560B7W	—
		3ØY 347/600	☐ AH560R5W	☐ AH560P5W	☐ AH560C5W	☐ AH560B5W	—
100	2-P, 3-W	125	☐ AH3100R4W	☐ AH3100P4W	☐ AH3100C4W	☐ AH3100B4W	—
		250	☐ AH3100R6W	☐ AH3100P6W	☐ AH3100C6W	☐ AH3100B6W	—
		480	☐ AH3100R7W	☐ AH3100P7W	☐ AH3100C7W	☐ AH3100B7W	—
	3-P, 4-W	125/250	☐ AH4100R12W	☐ AH4100P12W	☐ AH4100C12W	☐ AH4100B12W	☐ AH4100R12W-15
		3Ø 250	☐ AH4100R9W	☐ AH4100P9W	☐ AH4100C9W	☐ AH4100B9W	—
		3Ø 480	☐ AH4100R7W	☐ AH4100P7W	☐ AH4100C7W	☐ AH4100B7W	☐ AH4100R7W-15
		3Ø 600	☐ AH4100R5W	☐ AH4100P5W	☐ AH4100C5W	☐ AH4100B5W	—
	4-P, 5-W	3ØY 120/208	☐ AH5100R9W	☐ AH5100P9W	☐ AH5100C9W	☐ AH5100B9W	☐ AH5100R9W-15
		3ØY 277/480	☐ AH5100R7W	☐ AH5100P7W	☐ AH5100C7W	☐ AH5100B7W	☐ AH5100R7W-15
		3ØY 347/600	☐ AH5100R5W	☐ AH5100P5W	☐ AH5100C5W	☐ AH5100B5W	—

Compliances, specifications and availability are subject to change without notice.

IEC 309 watertight pin & sleeve devices

Product description

International 16A, 32A, 63A & 125A for receptacles, plugs, connectors & inlets

Receptacle

Plug

Connector

Inlet

Rating A	Poles/ wires	V/AC, color coding & configurations	Receptacle catalog no.	Plug catalog no.	Connector catalog no.	Inlet catalog no.
16	2-P, 3-W	110-130V	☐ AH316R4W	☐ AH316P4W	☐ AH316C4W	☐ AH316B4W
	2-P, 3-W	220-240V	☐ AH316R6W	☐ AH316P6W	☐ AH316C6W	☐ AH316B6W
	3-P, 4-W	380-415V	☐ AH416R6W	☐ AH416P6W	☐ AH416C6W	☐ AH416B6W
	4-P, 5-W	220/380 240/415	☐ AH516R6W	☐ AH516P6W	☐ AH516C6W	☐ AH516B6W
32	2-P, 3-W	110-130V	☐ AH332R4W	☐ AH332P4W	☐ AH332C4W	☐ AH332B4W
	2-P, 3-W	220-240V	☐ AH332R6W	☐ AH332P6W	☐ AH332C6W	☐ AH332B6W
	3-P, 4-W	380V, 50 Hz 440V, 60 Hz	☐ AH432R3W	☐ AH432P3W	☐ AH432C3W	☐ AH432B3W
	3-P, 4-W	380-415V	☐ AH432R6W	☐ AH432P6W	☐ AH432C6W	☐ AH432B6W
	4-P, 5-W	220/380 240/415	☐ AH532R6W	☐ AH532P6W	☐ AH532C6W	☐ AH532B6W
63	2-P, 3-W	220-240V	☐ AH363R6W	☐ AH363P6W	☐ AH363C6W	☐ AH363B6W
	3-P, 4-W	380-415V	☐ AH463R6W	☐ AH463P6W	☐ AH463C6W	☐ AH463B6W
	4-P, 5-W	200/346 240/415	☐ AH563R6W	☐ AH563P6W	☐ AH563C6W	☐ AH563B6W
125	2-P, 3-W	220-240V	☐ AH3125R6W	☐ AH3125P6W	☐ AH3125C6W	☐ AH3125B6W
	3-P, 4-W	380-415V	☐ AH4125R6W	☐ AH4125P6W	☐ AH4125C6W	☐ AH4125B6W
	4-P, 5-W	220/380 240/415	☐ AH5125R6W	☐ AH5125P6W	☐ AH5125C6W	☐ AH5125B6W

IEC 309 watertight pin & sleeve devices

Product description

North American Angled 60A & 100A receptacles

Rating A	Poles/ wires	V/AC, color coding & configurations	Receptacle catalog no.	Plug catalog no.	Connector catalog no.	Inlet catalog no.	15° Angled Receptacle catalog no.
60	4-P, 5-W	3ØY 120/208	☐ AH560R9W	☐ AH560P9W	☐ AH560C9W	☐ AH560B9W	☐ AH560R9W-15
100	3-P, 4-W	125/250	☐ AH4100R12W	☐ AH4100P12W	☐ AH4100C12W	☐ AH4100B12W	☐ AH4100R12W-15
		3Ø 480	☐ AH4100R7W	☐ AH4100P7W	☐ AH4100C7W	☐ AH4100B7W	☐ AH4100R7W-15
	4-P, 5-W	3ØY 120/208	☐ AH5100R9W	☐ AH5100P9W	☐ AH5100C9W	☐ AH5100B9W	☐ AH5100R9W-15
		3ØY 277/480	☐ AH5100R7W	☐ AH5100P7W	☐ AH5100C7W	☐ AH5100B7W	☐ AH5100R7W-15

Compliances, specifications and availability are subject to change without notice.

Pin & sleeve device accessories

Product description

16/20A, 30/32A, 60/63A & 100/125A for receptacles, plugs, connectors & inlets

AHBB30

AHBB60

AHBB100

AHFTBB1

CDCP100

Cast aluminum back boxes

Amps	Description	Catalog no.
16/20 & 30/32	For pin & sleeve receptacles & inlets, 15° angled face, 1" (25.4mm) hub footprint: 3.125" x 3.125" (79.4mm x 79.4mm)	☐ AHBB30__
60/63	For pin & sleeve receptacles, 15° angled face, 1.5" (38.1mm) hub footprint: 3.875" x 3.875" (98.4 x 98.4mm)	☐ AHBB60__
100/125	For pin & sleeve receptacles & inlets, 15° angled face, 2" (50.8mm) hub footprint: 4.870" x 4.870" (123.7 x 123.7mm)	☐ AHBB100__

Cast aluminum feed through

Amps	Description	Catalog no.
16/20 & 30/32	For pin & sleeve receptacles & inlets, 1" (25.4mm) hub footprint: 3.125" x 3.125" (79.4mm x 79.4mm)	☐ AHFTBB1__

Plug & inlet closure caps

Amps	Description	Catalog no.
16/20	For 2-pole, 3-wire pin & sleeve devices	☐ CDCP320__
	For 3-pole, 4-wire pin & sleeve devices	☐ CDCP420__
	For 4-pole, 5-wire pin & sleeve devices	☐ CDCP520__
30/32	For 2-pole, 3-wire and 3-pole, 4-wire pin & sleeve devices	☐ CDCP3430
		☐ CDCP530
60/63	For 2-pole, 3-wire, 3-pole, 4-wire and 4-pole, 5-wire pin & sleeve devices	☐ CDCP60
100/125	For 2-pole, 3-wire, 3-pole, 4-wire and 4-pole, 5-wire pin & sleeve devices	☐ CDCP100

Pin & sleeve device accessories

Rating amps	Wires	Plug locking ring catalog no.	Inlet locking ring catalog no.	Connector/receptacle cover assembly	Cord clamp assembly
16/20	3	☐ AHLRP320	☐ AHLRI320	☐ AHCA320	☐ AHCC3420
	4	☐ AHLRP420	☐ AHLRI420	☐ AHCA420	☐ AHCC3420
	5	☐ AHLRP520	☐ AHLRI520	☐ AHCA520	☐ AHCC520
30/32	3 & 4	☐ AHLRP3430	☐ AHLRI3430	☐ AHCA3430	☐ AHCC3430
	5	☐ AHLRP530	☐ AHLRI530	☐ AHCA530	☐ AHCC530
60/63	All	☐ AHLRP60	☐ AHLRI60	☐ AHCA60	☐ AHCC60
100/125	All	☐ AHLRP100	☐ AHLRI100	☐ AHCA100	☐ AHCC100

Connector/ receptacle cover assembly

Cord clamp assembly

Inlet locking ring

Plug locking ring

Compliances, specifications and availability are subject to change without notice.

Watertight pin & sleeve mechanical interlocks

Combined pin & sleeve receptacle and disconnect switch

Pin & sleeve mechanical interlocks provide a separate means of disconnect for motor leads. For extra safety and compliance, these interlocks prevent the plug from being engaged or disengaged under load.

Watertight pin & sleeve mechanical interlocks features & benefits

Compact design fits in the web of an I-beam, the smallest footprint in the industry

Switch handles are designed to comply with OSHA lockout/ tagout requirements

Unique locking mechanism ensures that switch can only be energized when plug is fully mated

Rugged Valox® housing provides superior corrosion and impact resistance

Hidden hinge system allows full access to internal switch terminations and provides a clean solution in 4X environments

Valox® is a registered trademark of General Electric, USA..

Poured-in seamless gasket and tongue and groove design yields the ultimate seal against moisture and contamination

Dual mounting capability using corner mounting holes or supplied mounting feet

Blank enclosures without pre-drilled entries allow maximum installation flexibility; watertight hub and double grounding blocks provided

Available with option fuses and/or circuit breakers for additional circuit protection

Compliances, specifications and availability are subject to change without notice.

Mechanical interlocks

IEC 309 watertight pin & sleeve devices

Product description

20A and 30A; 2-pole, 3-wire grounding; 3-pole, 4-wire grounding; 4-pole, 5-wire grounding

Horizontal mechanical interlock, non-fusible

Mechanical interlock, fusible or non-fusible

Rating A	Poles/ wires	V/AC, color coding & configurations		HP rating std/max*	Description	Catalog No.
20	2-P, 3-W	125		1	Horizontal, non-fusible	☐ CD320HMI4W
		250		2.5	Horizontal, non-fusible	☐ CD320HMI6W
		480		5	Horizontal, non-fusible	☐ CD320HMI7W
	3-P, 4-W	125/250		1; 2.5	Horizontal, non-fusible	☐ CD420HMI12W
				0.5; 1	Fused, w/ access panel	☐ CD420MIB12W
				0.5; 1	Circuit breaker, w/ access panel	☐ CD420MICB12W
				0.5; 1	Fusible	☐ CD420MIF12W
		3Ø 250		5	Horizontal, non-fusible	☐ CD420HMI9W
				5	Fused, w/ access panel	☐ CD420MIB9W
				5	Circuit breaker, w/ access panel	☐ CD420MICB9W
				5	Fusible	☐ CD420MIF9W
		3Ø 480		10	Horizontal, non-fusible	☐ CD420HMI7W
				10	Fused, w/ access panel	☐ CD420MIB7W
				10	Circuit breaker, w/ access panel	☐ CD420MICB7W
				10	Fusible	☐ CD420MIF7W
		3Ø 600		10	Horizontal, non-fusible	☐ CD420HMI5W
	4-P, 5-W	3ØY 120/208		5	Horizontal, non-fusible	☐ CD520HMI9W
30	2-P, 3-W	125		2	Non-fusible	☐ CD330MI4W
		250		2	Non-fusible	☐ CD330MI6W
				2.5/5	Fusible	☐ CD330MIF6W
		480		10	Non-fusible	☐ CD330MI7W
	3-P, 4-W	125/250		2; 5	Non-fusible	☐ CD430MI12W
				0.5; 1.5/2; 5	Fusible	☐ CD430MIF12W
				1; 3	Fused, w/ access panel	☐ CD430MIB12W
				1; 3	Circuit breaker, w/ access panel	☐ CD430MICB12W
		3Ø 250		10	Non-fusible	☐ CD430MI9W
				3/7.5	Fusible	☐ CD430MIF9W
				7.5	Fused, w/ access panel	☐ CD430MIB9W
				7.5	Circuit breaker, w/ access panel	☐ CD430MICB9W
		3Ø 480		20	Non-fusible	☐ CD430MI7W
				5/15	Fusible	☐ CD430MIF7W
				15	Fused, w/ access panel	☐ CD430MIB7W
				15	Circuit breaker, w/ access panel	☐ CD430MICB7W
		3Ø 600		20	Non-fusible	☐ CD430MI5W
				7.5/20	Fusible	☐ CD430MIF5W
	4-P, 5-W	3ØY 120/208		7.5	Non-fusible	☐ CD530MI9W
				7.5	Fused, w/ access panel	☐ CD530MIB9W
				7.5	Circuit breaker, w/ access panel	☐ CD530MICB9W
		3ØY 277/480		20	Non-fusible	☐ CD530MI7W
				15	Fused, w/ access panel	☐ CD530MIB7W
				15	Circuit breaker, w/ access panel	☐ CD530MICB7W
		3ØY 347/600		20	Non-fusible	☐ CD530MI5W
				15	Fused, w/ access panel	☐ CD530MIB5W
				15	Circuit breaker, w/ access panel	☐ CD530MICB5W

*See page G-18 for horse power rating

Compliances, specifications and availability are subject to change without notice.

IEC 309 watertight pin & sleeve mechanical interlocks

Product description

60A and 100A; 2-pole, 3-wire grounding; 3-pole, 4-wire grounding; 4-pole, 5-wire grounding

Mechanical interlock, fuse or circuit breaker with access panel

Rating A	Poles/ wires	V/AC, color coding & configurations		HP rating std/max*	Description	Catalog no.
60	2-P, 3-W	250		10	Non-fusible	☐ CD360MI6W
				3/10	Fusible	☐ CD360MIF6W
		480		20	Non-fusible	☐ CD360MI7W
	3-P, 4-W	125/250		3; 10	Non-fusible	☐ CD460MI12W
				1.5; 3/3; 10	Fusible	☐ CD460MIF12W
				2.5; 7.5	Fused, w/ access panel	☐ CD460MIB12W
				2.5; 7.5	Circuit breaker, w/ access panel	☐ CD460MICB12W
		3Ø 250		20	Non-fusible	☐ CD460MI9W
				7.5/15	Fusible	☐ CD460MIF9W
				15	Fused, w/ access panel	☐ CD460MIB9W
				15	Circuit breaker, w/ access panel	☐ CD460MICB9W
		3Ø 480		40	Non-fusible	☐ CD460MI7W
				15/30	Fusible	☐ CD460MIF7W
				30	Fused, w/ access panel	☐ CD460MIB7W
				30	Circuit breaker, w/ access panel	☐ CD460MICB7W
		3Ø 600		50	Non-fusible	☐ CD460MI5W
				15/30	Fusible	☐ CD460MIF5W
				35	Fused, w/ access panel	☐ CD460MIB5W
				35	Circuit breaker, w/ access panel	☐ CD460MICB5W
	4-P, 5-W	3ØY 120/208		20	Non-fusible	☐ CD560MI9W
				7.5/15	Fusible	☐ CD560MIF9W
				15	Fused, w/ access panel	☐ CD560MIB9W
				15	Circuit breaker, w/ access panel	☐ CD560MICB9W
		3ØY 277/480		40	Non-fusible	☐ CD560MI7W
				15/30	Fusible	☐ CD560MIF7W
				30	Fused, w/ access panel	☐ CD560MIB7W
				30	Circuit breaker, w/ access panel	☐ CD560MICB7W
		3ØY 347/600		50	Non-fusible	☐ CD560MI5W
				15/50	Fusible	☐ CD560MIF5W
100	2-P, 3-W	125		15	Non-fusible	☐ CD3100MI4W
		250		15	Non-fusible	☐ CD3100MI6W
		480		30	Non-fusible	☐ CD3100MI7W
	3-P, 4-W	125/250		5; 15	Non-fusible	☐ CD4100MI12W
		3Ø 250		25	Non-fusible	☐ CD4100MI9W
		3Ø 480		50	Non-fusible	☐ CD4100MI7W
		3Ø 600		50	Non-fusible	☐ CD4100MI5W
	4-P, 5-W	3ØY 120/208		25	Non-fusible	☐ CD5100MI9W
		3ØY 277/480		50	Non-fusible	☐ CD5100MI7W
		3ØY 347/600		50	Non-fusible	☐ CD5100MI5W

*See page G-18 for horse power rating

Compliances, specifications and availability are subject to change without notice.

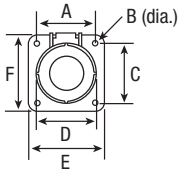
Dimensional information

16/20A & 30/32A receptacles, plugs, connectors & inlets

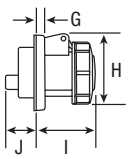
16/20A & 30/32A receptacles

Family	A	B	C	D	E	F	G	H	I	J	K	L	M
16/20A 2-P, 3-W	3.125" (7.94cm)	0.21" (0.54cm)	3.125" (7.94cm)	2.98" (7.57cm)	3.75" (9.52cm)	3.75" (9.52cm)	0.315" (.8cm)	3.15" (8cm)	2.15" (5.47cm)	1.25" (3.18cm)	2.74" (6.96cm)	2.74" (6.96cm)	1.69" (4.29cm)
16/20A 3-P, 4-W	3.125" (7.94cm)	0.21" (0.54cm)	3.125" (7.94cm)	3.28" (8.33cm)	3.75" (9.52cm)	3.75" (9.52cm)	0.315" (.8cm)	3.38" (8.58cm)	2.18" (5.54cm)	1.25" (3.18cm)	2.74" (6.96cm)	2.74" (6.96cm)	2.01" (5.12cm)
16/20A 4-P, 5-W	3.125" (7.94cm)	0.21" (0.54cm)	3.125" (7.94cm)	3.66" (9.3cm)	3.75" (9.52cm)	3.75" (9.52cm)	0.315" (.8cm)	3.66" (9.3cm)	2.27" (5.77cm)	1.25" (3.18cm)	2.74" (6.96cm)	2.74" (6.96cm)	2.09" (5.3cm)
30/32A 2-P, 3-W & 3-P, 4-W	3.125" (7.94cm)	0.21" (0.54cm)	3.125" (7.94cm)	3.97" (10cm)	3.75" (9.52cm)	3.75" (9.52cm)	0.315" (.8cm)	3.91" (9.92cm)	2.64" (6.7cm)	1.57" (4.0cm)	2.74" (6.96cm)	2.74" (6.96cm)	2.24" (5.69cm)
30/32A 4-P, 5-W	3.125" (7.94cm)	0.21" (0.54cm)	3.125" (7.94cm)	4.22" (10.7cm)	3.75" (9.52cm)	3.75" (9.52cm)	0.315" (.8cm)	4.13" (10.5cm)	2.64" (6.7cm)	1.57" (4.0cm)	2.74" (6.96cm)	2.74" (6.96cm)	2.47" (6.27cm)

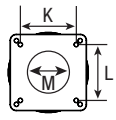
16/20A Receptacle Front View



16/20A Receptacle, Side View

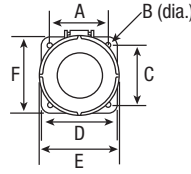


16/20A Receptacle Back View

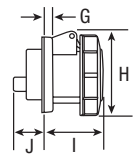


K & L = Blind Holes*

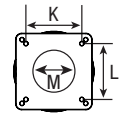
30/32A Receptacle, Front View



30/32A Receptacle Side View



30/32A Receptacle, Back View

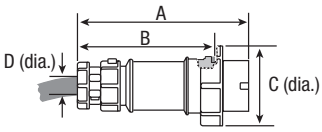


K & L = Blind Holes*

16/20A & 30/32A plugs

Family	A	B	C	D (cord dia.)	Threaded entry (NPT)
16/20A 2-P, 3-W	6.08" (15.44cm)	4.65" (11.8cm)	2.98" (7.57cm)	0.333-0.775" (0.85-1.97cm)	0.75" (1.91cm)
16/20A 3-P, 4-W	6.14" (15.6cm)	4.70" (11.94cm)	3.28" (8.33cm)	0.333-0.775" (0.85-1.97cm)	0.75" (1.91cm)
16/20A 4-P, 5-W	6.24" (15.85cm)	4.81" (12.22cm)	4.18" (10.6cm)	0.433-0.84" (1.10-2.13cm)	1.0" (2.54cm)
30/32A 2-P, 3-W & 3-P, 4-W	7.32" (18.6cm)	5.53" (14.05cm)	3.85" (9.78cm)	0.433-0.985" (1.10-2.5cm)	1.0" (2.54cm)
30/32A 4-P, 5-W	7.46" (18.95cm)	5.67" (14.4cm)	4.17" (10.6cm)	0.433-1.15" (1.10-2.92cm)	1.25" (3.18cm)

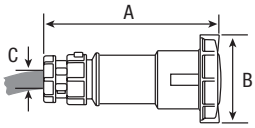
16/20A & 30/32A Plugs, Side View



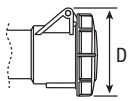
16/20A & 30/32A connectors

Family	A	B	C (cord dia.)	D	Threaded entry (NPT)
16/20A 2-P, 3-W	6.91" (17.56cm)	2.98" (7.57cm)	0.333-0.775" (0.85-1.97cm)	3.13" (7.96cm)	0.75" (1.91cm)
16/20A 3-P, 4-W	6.89" (17.49cm)	3.28" (8.33cm)	0.333-0.775" (0.85-1.97cm)	3.37" (8.56cm)	0.75" (1.91cm)
16/20A 4-P, 5-W	7.19" (18.27cm)	3.66" (8.33cm)	0.433-0.84" (1.10-2.13cm)	3.66" (9.3cm)	1.0" (2.54cm)
30/32A 2-P, 3-W & 3-P, 4-W	8.55" (22.72cm)	3.97" (10.1cm)	0.433-0.985" (1.10-2.5cm)	3.89" (9.89cm)	1.0" (2.54cm)
30/32A 4-P, 5-W	8.74" (22.19cm)	4.22" (10.7cm)	0.433-1.15" (1.10-2.92cm)	4.13" (10.49cm)	1.25" (3.18cm)

16/20A & 30/32A Connectors Underside View



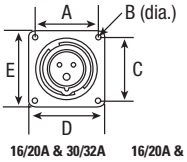
16/20A & 30/32A Connectors, Side View



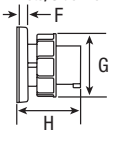
16/20A & 30/32A inlets

Family	A	B	C	D	E	F	G	H	I	J	K
16/20A 2-P, 3-W	3.125" (7.94cm)	0.21" (0.54cm)	3.125" (7.94cm)	3.75" (9.52cm)	3.75" (9.52cm)	0.315" (0.8cm)	2.76" (7cm)	2.75" (6.99cm)	2.74" (6.96cm)	2.74" (6.96cm)	1.52" (3.86cm)
16/20A 3-P, 4-W	3.125" (7.94cm)	0.21" (0.54cm)	3.125" (7.94cm)	3.75" (9.52cm)	3.75" (9.52cm)	0.315" (0.8cm)	3.06" (7.77cm)	2.75" (6.99cm)	2.74" (6.96cm)	2.74" (6.96cm)	1.74" (4.42cm)
16/20A 4-P, 5-W	3.125" (7.94cm)	0.21" (0.54cm)	3.125" (7.94cm)	3.75" (9.52cm)	3.75" (9.52cm)	0.315" (0.8cm)	3.45" (8.76cm)	2.75" (6.99cm)	2.74" (6.96cm)	2.74" (6.96cm)	1.96" (4.98cm)
30/32A 2-P, 3-W & 3-P, 4-W	3.125" (7.94cm)	0.21" (0.54cm)	3.125" (7.94cm)	3.75" (9.52cm)	3.75" (9.52cm)	0.315" (0.8cm)	3.68" (9.35cm)	3.4" (8.64cm)	2.74" (6.96cm)	2.74" (6.96cm)	2.0" (5.08cm)
30/32A 4-P, 5-W	3.125" (7.94cm)	0.21" (0.54cm)	3.125" (7.94cm)	3.75" (9.52cm)	3.75" (9.52cm)	0.315" (0.8cm)	3.94" (10cm)	3.4" (8.64cm)	2.74" (6.96cm)	2.74" (6.96cm)	2.22" (5.64cm)

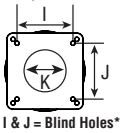
16/20A & 30/32A Inlets, Front View



16/20A & 30/32A Inlets, Side View



16/20A & 30/32A Inlets, Back View



I & J = Blind Holes*

*Blind holes can be drilled out to mount to previous versions of Arrow Hart back boxes.

Compliances, specifications and availability are subject to change without notice.

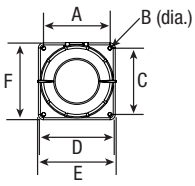
Dimensional information

60/63A & 100/125A receptacles, plugs, connectors & inlets

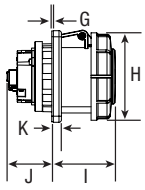
60/63A & 100/125A receptacles

Family	A	B	C	D	E	F	G	H	I	J	K	L	M	N
60/63A	3.88" (9.8cm)	0.21" (0.54cm)	3.88" (9.8cm)	4.5" (11.4cm)	4.6" (11.7cm)	4.5" (11.4cm)	0.079" (0.2cm)	4.42" (11.2cm)	3.02" (7.68cm)	2.3" (5.8cm)	0.39" (1cm)	3.03" (7.70cm)	3.35" (8.51cm)	3.35" (8.5cm)
100/125A	4.87" (12.4cm)	0.21" (0.54cm)	4.87" (12.4cm)	5.5" (14cm)	5.11" (13cm)	5.5" (14cm)	0.12" (0.3cm)	4.86" (12.3cm)	4.20" (10.7cm)	1.93" (4.9cm)	0.47" (1.2cm)	4.10" (10.4cm)	4.10" (10.4cm)	4.57" (11.6cm)
60A angled	3.88" (9.8cm)	0.21" (0.54cm)	3.88" (9.8cm)	4.6" (11.7cm)	4.7" (11.9cm)	4.7" (11.9cm)	0.079" (0.2cm)		3.23" (8.2cm)	2.3" (5.8cm)	0.37" (1.1cm)	3.03" (7.70cm)	3.35" (8.51cm)	3.35" (8.5cm)
100A angled	4.87" (12.4cm)	0.21" (0.54cm)	4.87" (12.4cm)	5.5" (14cm)	5.5" (14cm)	5.5" (14cm)	0.12" (0.3cm)		3.5" (8.9cm)	2.05" (5.2cm)	0.43" (1.09cm)	3.54" (8.9cm)	3.54" (8.9cm)	4.57" (11.6cm)

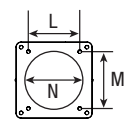
60/63A Receptacle, Front View



60/63A Receptacle, Side View

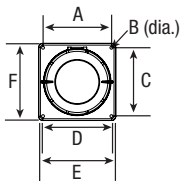


60/63A Receptacle, Back View

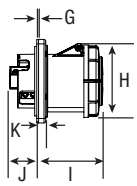


L & M = Blind Holes*

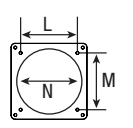
100/125A Receptacle, Front View



100/125A Receptacle, Side View

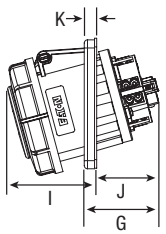


100/125A Receptacle, Back View

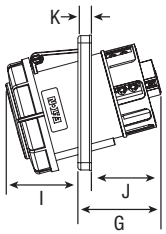


L & M = Blind Holes*

60A Angled Receptacle, Side View



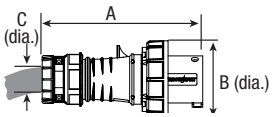
100A Angled Receptacle, Side View



60/63A & 100/125A plugs

Family	A	B	C (cord dia.)	Threaded entry (NPT)
60/63A	9.26" (23.52cm)	4.45" (11.29cm)	0.66-1.50" (1.68-3.81cm)	1.5" (3.81cm)
100/125A	11.16" (28.35cm)	5.17" (13.14cm)	0.97-1.94" (2.46-5.00cm)	2.0" (5.08cm)

60/63A & 100/125A Plugs, Side View

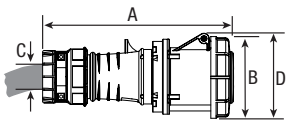


60/63A & 100/125A connectors

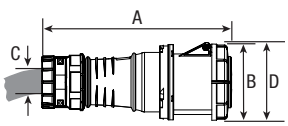
Family	A	B	C (cord dia.)	D	Threaded entry (NPT)
60/63A	10" (25.39cm)	4.29" (10.9cm)	0.66-1.5" (1.68-3.81cm)	4.43" (11.25cm)	1.5" (3.81cm)

Family	A	B	C (cord dia.)	D	Threaded entry (NPT)
100/125A	11.83" (30.04cm)	4.76" (12.1cm)	0.97-1.94" (2.46-4.93cm)	4.86" (12.34cm)	2.0" (5.08cm)

60/63A Connector



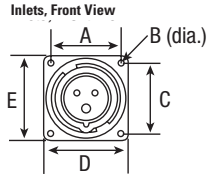
100/125A Connector



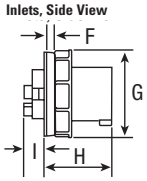
60/63A & 100/125A inlets

Family	A	B	C	D	E	F	G	H	I	J	K	L	M	N
60/63A	3.875" (9.84cm)	0.21" (0.54cm)	3.88" (9.84cm)	4.5" (11.4cm)	4.5" (11.4cm)	0.39" (1cm)	4.45" (11.30cm)	3.25" (8.26cm)	1.52" (3.87cm)	3.88" (9.84cm)	3.88" (9.84cm)	2.88" (7.32cm)	3.54" (8.99cm)	3.54" (8.99cm)
100/125A	4.87" (12.4cm)	0.21" (0.54cm)	4.87" (12.4cm)	5.5" (14cm)	5.5" (14cm)	0.47" (1.2cm)	5.17" (13.1cm)	4" (10.2cm)	1.38" (3.51cm)	4.87" (12.4cm)	4.87" (12.4cm)	3.66" (9.3cm)	4.10" (10.41cm)	4.10" (10.41cm)

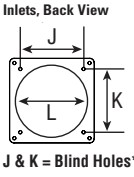
60/63A & 100/125A Inlets, Front View



60/63A & 100/125A Inlets, Side View



60/63A & 100/125A Inlets, Back View



J & K = Blind Holes*

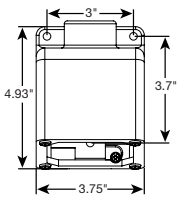
Compliances, specifications and availability are subject to change without notice.

Dimensional information

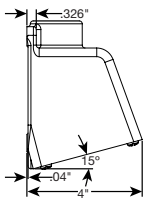
Back boxes, feed though & mechanical interlocks

20/23A, 30/32A, 60/63A, 100/125A back boxes

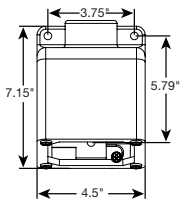
20/23A & 30/32A Back Box, Front View



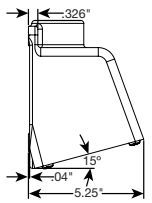
20/23A & 30/32A Back Box, Side View



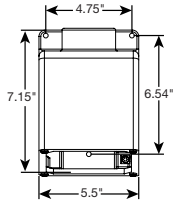
60/63A Back Box Front View



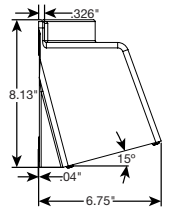
60/63A Back Box Side View



100/125A Back Box Front View



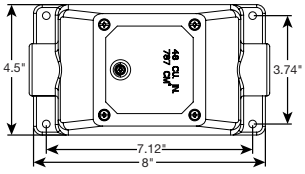
100/125A Back Box Side View



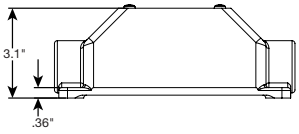
*Drawings not to scale

20/23A & 30/32A feed through

20/23A & 30/32A Feed Through, Front View



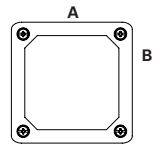
20/23A & 30/32A Feed Through, Side View



*Drawings not to scale

Mounting holes for back boxes & feed through

Family	A	B
16/20A & 30/32A	3.125" (79.4mm)	3.125" (79.4mm)
60/63A	3.875" (98.4mm)	3.875" (98.4mm)
100/125A	4.870" (123.7mm)	4.870" (123.7mm)
Feed through	3.125" (79.4mm)	3.125" (79.4mm)

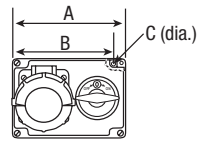


#10-32 Tapped holes

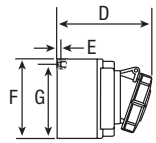
20A non-fusible mechanical interlocks

Family	A	B	C	D	E	F	G
20A 2-P, 3-W	6.70" (17.02cm)	5.35" (13.59cm)	0.24" (0.61cm)	5.35" (13.59cm)	0.24" (0.61cm)	4.65" (11.81cm)	4.10" (10.41cm)
20A 3-P, 4-W	6.70" (17.02cm)	5.35" (13.59cm)	0.24" (0.61cm)	5.47" (13.89cm)	0.24" (0.61cm)	4.65" (11.81cm)	4.10" (10.41cm)
20A 4-P, 5-W	6.70" (17.02cm)	5.35" (13.59cm)	0.24" (0.61cm)	5.63" (14.30cm)	0.24" (0.61cm)	4.65" (11.81cm)	4.10" (10.41cm)

20A Interlock Front View



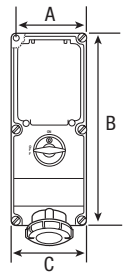
20A Interlock, Side View



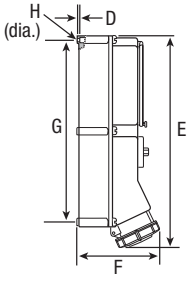
20A fuse or circuit breaker option mechanical interlocks

Family	A	B	C	D	E	F	G	H
20A 3-P, 4-W	4.59" (11.66cm)	14.33" (36.40cm)	5.28" (13.41cm)	0.32" (0.81cm)	15.37" (39.04cm)	6.12" (15.54cm)	13.66" (34.70cm)	0.25" (0.64cm)

20A & 30A Interlock, Front View



20A & 30A Interlock, Side View



Compliances, specifications and availability are subject to change without notice.

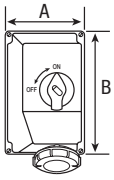
Dimensional information

Non-fusible & fusible, fuse or circuit breaker option mechanical interlocks

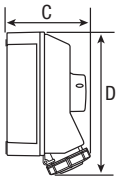
30A non-fusible & fusible mechanical interlocks

Family	A	B	C	D	E	Hub size
30A 2-P, 3-W	6.56" (16.66cm)	10.30" (26.16cm)	6.69" (16.99cm)	12.00" (30.48cm)	6.44" (16.36cm)	1" (2.54cm)
30A 3-P, 4-W	6.56" (16.66cm)	10.30" (26.16cm)	6.69" (16.99cm)	12.00" (30.48cm)	6.44" (16.36cm)	1" (2.54cm)
30A 4-P, 5-W	6.56" (16.66cm)	10.30" (26.16cm)	6.69" (16.99cm)	12.00" (30.48cm)	6.44" (16.36cm)	1" (2.54cm)

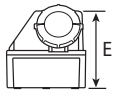
30A Interlock, Front View



30A Interlock, Side View



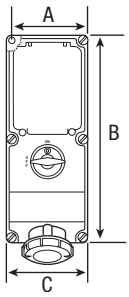
30A Interlock, Bottom View



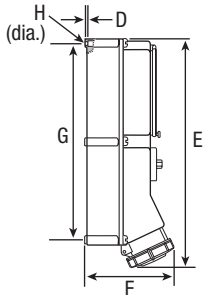
30A fuse or circuit breaker option mechanical interlocks

Family	A	B	C	D	E	F	G	H
30A 3-P, 4-W	4.59" (11.66cm)	14.33" (36.40cm)	5.28" (13.41cm)	0.32" (0.81cm)	15.37" (39.04cm)	6.12" (15.54cm)	13.66" (34.70cm)	0.25" (0.64cm)
30A 4-P, 5-W	4.59" (11.66cm)	14.33" (36.40cm)	5.28" (13.41cm)	0.32" (0.81cm)	15.37" (39.04cm)	6.12" (15.54cm)	13.66" (34.70cm)	0.25" (0.64cm)

20A & 30A Interlock, Front View



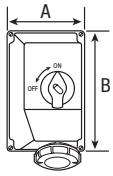
20A & 30A Interlock, Side View



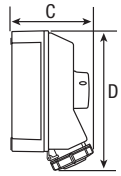
60A non-fusible & fusible mechanical interlocks

Family	A	B	C	D	E	Hub size
60A 2-P, 3-W	7.00" (17.78cm)	13.00" (33.02cm)	9.25" (23.50cm)	14.62" (37.13cm)	8.38" (37.13cm)	1 1/4" (3.18cm)
60A 3-P, 4-W	7.00" (17.78cm)	13.00" (33.02cm)	9.25" (23.50cm)	14.62" (37.13cm)	8.38" (37.13cm)	1 1/4" (3.18cm)
60A 4-P, 5-W	7.00" (17.78cm)	13.00" (33.02cm)	9.25" (23.50cm)	14.62" (37.13cm)	8.38" (37.13cm)	1 1/4" (3.18cm)

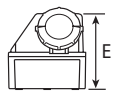
60A Interlock, Front View



60A Interlock, Side View



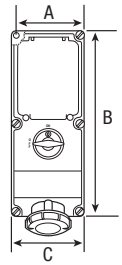
60A Interlock, Bottom View



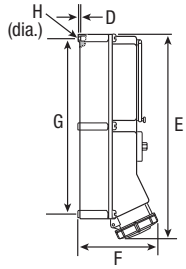
60A fuse or circuit breaker option mechanical interlocks

Family	A	B	C	D	E	F	G	H
60A 3-P, 4-W	6.25" (15.88cm)	18.11" (46.00cm)	7.09" (18.01cm)	0.32" (0.81cm)	19.56" (49.68cm)	7.56" (19.20cm)	17.32" (43.99cm)	0.32" (0.81cm)
60A 4-P, 5-W	6.25" (15.88cm)	18.11" (46.00cm)	7.09" (18.01cm)	0.32" (0.81cm)	19.56" (49.68cm)	7.56" (19.20cm)	17.32" (43.99cm)	0.32" (0.81cm)

60A Interlock, Front View



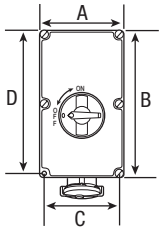
60A Interlock, Side View



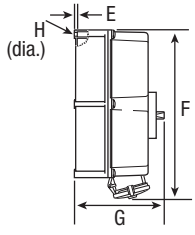
100A non-fusible mechanical interlocks

Family	A	B	C	D	E	F	G	H
100A 2-P, 3-W	10.25" (26.04cm)	18.13" (46.05cm)	9.25" (23.50cm)	17.06" (43.33cm)	0.38" (0.97cm)	20.69" (52.55cm)	11.13" (28.27cm)	0.24" (0.11cm)
100A 3-P, 4-W	10.25" (26.04cm)	18.13" (46.05cm)	9.25" (23.50cm)	17.06" (43.33cm)	0.38" (0.97cm)	20.69" (52.55cm)	11.13" (28.27cm)	0.24" (0.11cm)
100A 4-P, 5-W	10.25" (26.04cm)	18.13" (46.05cm)	9.25" (23.50cm)	17.06" (43.33cm)	0.38" (0.97cm)	20.69" (52.55cm)	11.13" (28.27cm)	0.24" (0.11cm)

100A Interlock, Front View



100A Interlock, Side View



Compliances, specifications and availability are subject to change without notice.

Pin & sleeve horsepower rating

Catalog no.	Type	Voltage	HP rating high voltage
AH420B5W	Inlet	3Ø 600V	7 1/2
AH420B7W	Inlet	3Ø 480V	5
AH420B9W	Inlet	3Ø 250V	2
AH420C5W	Connector	3Ø 600V	7 1/2
AH420C7W	Connector	3Ø 480V	5
AH420C9W	Connector	3Ø 250V	2
AH420P5W	Plug	3Ø 600V	7 1/2
AH420P7W	Plug	3Ø 480V	5
AH420P9W	Plug	3Ø 250V	2
AH420R5W	Receptacle	3Ø 600V	7 1/2
AH420R7W	Receptacle	3Ø 480V	5
AH420R9W	Receptacle	3Ø 250V	2
AH520B5W	Inlet	347/600 3ØY	7 1/2
AH520B7W	Inlet	277/480 3ØY	5
AH520B9W	Inlet	120/208 3ØY	1 1/2
AH520C5W	Connector	347/600 3ØY	7 1/2
AH520C7W	Connector	277/480 3ØY	5
AH520C9W	Connector	120/208 3ØY	
AH520P5W	Plug	347/600 3ØY	7 1/2
AH520P7W	Plug	277/480 3ØY	5
AH520P9W	Plug	120/208 3ØY	1 1/2
AH520R5W	Receptacle	347/600 3ØY	7 1/2
AH520R7W	Receptacle	277/480 3ØY	5
AH520R9W	Receptacle	120/208 3ØY	1 1/2
AH430B5W	Inlet	3Ø 600V	15
AH430B7W	Inlet	3Ø 480V	10
AH430B9W	Inlet	3Ø 250V	5
AH430C5W	Connector	3Ø 600V	15
AH430C7W	Connector	3Ø 480V	10
AH430C9W	Connector	3Ø 250V	5
AH430P5W	Plug	3Ø 600V	15
AH430P7W	Plug	3Ø 480V	10
AH430P9W	Plug	3Ø 250V	5
AH430R5W	Receptacle	3Ø 600V	15
AH430R7W	Receptacle	3Ø 480V	10
AH430R9W	Receptacle	3Ø 250V	5
AH530B5W	Inlet	347/600 3ØY	15
AH530B7W	Inlet	277/480 3ØY	10
AH530B9W	Inlet	120/208 3ØY	3
AH530C5W	Connector	347/600 3ØY	15
AH530C7W	Connector	277/480 3ØY	10
AH530C9W	Connector	120/208 3ØY	3
AH530P5W	Plug	347/600 3ØY	15
AH530P7W	Plug	277/480 3ØY	10
AH530P9W	Plug	120/208 3ØY	3
AH530R5W	Receptacle	347/600 3ØY	15
AH530R7W	Receptacle	277/480 3ØY	10
AH530R9W	Receptacle	120/208 3ØY	3

Catalog no.	Type	Voltage	HP rating high voltage
AH460B5W	Inlet	3Ø 600V	20
AH460B7W	Inlet	3Ø 480V	15
AH460B9W	Inlet	3Ø 250V	7 1/2
AH460C5W	Connector	3Ø 600V	20
AH460C7W	Connector	3Ø 480V	15
AH460C9W	Connector	3Ø 250V	7 1/2
AH460P5W	Plug	3Ø 600V	20
AH460P7W	Plug	3Ø 480V	15
AH460P9W	Plug	3Ø 250V	7 1/2
AH460R5W	Receptacle	3Ø 600V	20
AH460R7W	Receptacle	3Ø 480V	15
AH460R9W	Receptacle	3Ø 250V	7 1/2
AH560B5W	Inlet	347/600 3ØY	20
AH560B7W	Inlet	277/480 3ØY	15
AH560B9W	Inlet	120/208 3ØY	5
AH560C5W	Connector	347/600 3ØY	20
AH560C7W	Connector	277/480 3ØY	15
AH560C9W	Connector	120/208 3ØY	5
AH560P5W	Plug	347/600 3ØY	20
AH560P7W	Plug	277/480 3ØY	15
AH560P9W	Plug	120/208 3ØY	5
AH560R5W	Receptacle	347/600 3ØY	20
AH560R7W	Receptacle	277/480 3ØY	15
AH560R9W	Receptacle	120/208 3ØY	5
AH4100B5W	Inlet	3Ø 600V	30
AH4100B7W	Inlet	3Ø 480V	20
AH4100B9W	Inlet	3Ø 250V	10
AH4100C5W	Connector	3Ø 600V	30
AH4100C7W	Connector	3Ø 480V	20
AH4100C9W	Connector	3Ø 250V	10
AH4100P5W	Plug	3Ø 600V	30
AH4100P7W	Plug	3Ø 480V	20
AH4100P9W	Plug	3Ø 250V	10
AH4100R5W	Receptacle	3Ø 600V	30
AH4100R7W	Receptacle	3Ø 480V	20
AH4100R9W	Receptacle	3Ø 250V	10
AH5100B5W	Inlet	347/600 3ØY	30
AH5100B7W	Inlet	277/480 3ØY	20
AH5100B9W	Inlet	120/208 3ØY	7 1/2
AH5100C5W	Connector	347/600 3ØY	30
AH5100C7W	Connector	277/480 3ØY	20
AH5100C9W	Connector	120/208 3ØY	7 1/2
AH5100P5W	Plug	347/600 3ØY	30
AH5100P7W	Plug	277/480 3ØY	20
AH5100P9W	Plug	120/208 3ØY	7 1/2
AH5100R5W	Receptacle	347/600 3ØY	30
AH5100R7W	Receptacle	277/480 3ØY	20
AH5100R9W	Receptacle	120/208 3ØY	7 1/2

Compliances, specifications and availability are subject to change without notice.

Specifications for IEC 309 watertight pin & sleeve devices

Product description

North American 20A & 30A; 2-pole, 3-wire grounding; 3-pole, 4-wire grounding; 4-pole, 5-wire grounding

Device type	20A & 30A pin & sleeve receptacles	20A & 30A pin & sleeve plugs	20A & 30A pin & sleeve connectors	20A & 30A pin & sleeve inlets
Testing & code compliance	**Base device:** • Classified to IEC standards 60309-1 and 60309-2 • cULus listed to UL1682 & UL1686 and CSA 22.2 no. 182.1	**Base device:** • Classified to IEC standards 60309-1 and 60309-2 • cULus listed to UL1682 & UL1686 and CSA 22.2 no. 182.1	**Base device:** • Classified to IEC standards 60309-1 and 60309-2 • cULus listed to UL1682 & UL1686 and CSA 22.2 no. 182.1	Base device: • Classified to IEC standards 60309-1 and 60309-2 • cULus listed to UL1682 & UL1686 and CSA 22.2 no. 182.1
Environmental specifications	**Flammability:** Meets UL94 requirements; HB rated (housing), V0 rated (contact carriers) **Protection:** Watertight to IP67 per IEC 60529 & IP69K to DIN 40050 Part 9	**Flammability:** Meets UL94 requirements; HB rated (housing), V0 rated (contact carriers) **Protection:** Watertight to IP67 per IEC 60529 & IP69K to DIN 40050 Part 9	**Flammability:** Meets UL94 requirements; HB rated (housing), V0 rated (contact carriers) **Protection:** Watertight to IP67 per IEC 60529 & IP69K to DIN 40050 Part 9	**Flammability:** Meets UL94 requirements; HB rated (housing), V0 rated (contact carriers) **Protection:** Watertight to IP67 per IEC 60529 & IP69K to DIN 40050 Part 9
Electrical specifications	**Dielectric voltage:** 3000V **Maximum working voltage:** 600V (rms) **Current interrupting:** Yes, at full-rated current & voltage **Temperature rise:** Max. 30ºC (86°F) after 50 cycles of overload @150% of rated current **Endurance:** 5000 cycles	**Dielectric voltage:** 3000V **Maximum working voltage:** 600V (rms) **Current interrupting:** Yes, at full-rated current & voltage **Temperature rise:** Max. 30ºC (86°F) after 50 cycles of overload @150% of rated current **Endurance:** 5000 cycles	**Dielectric voltage:** 3000V **Maximum working voltage:** 600V (rms) **Current interrupting:** Yes, at full-rated current & voltage **Temperature rise:** Max. 30ºC (86°F) after 50 cycles of overload @150% of rated current **Endurance:** 5000 cycles	**Dielectric voltage:** 3000V **Maximum working voltage:** 600V (rms) **Current interrupting:** Yes, at full-rated current & voltage **Temperature rise:** Max. 30ºC (86°F) after 50 cycles of overload @150% of rated current **Endurance:** 5000 cycles
Mechanical specifications	**Terminal accommodations:** #12 - #10 AWG (20A) #10 - #8 AWG (30A) **Voltage ratings:** Marked on device **Impact resistance:** UL1682 **Cable grip retention:** UL1682	**Terminal accommodations:** #12 - #10 AWG (20A) #10 - #8 AWG (30A) **Voltage ratings:** Marked on device **Impact resistance:** UL1682 **Cable grip retention:** UL1682	**Terminal accommodations:** #12 - #10 AWG (20A) #10 - #8 AWG (30A) **Voltage ratings:** Marked on device **Impact resistance:** UL1682 **Cable grip retention:** UL1682	**Terminal accommodations:** #12 - #10 AWG (20A) #10 - #8 AWG (30A) **Voltage ratings:** Marked on device **Impact resistance:** UL1682 **Cable grip retention:** UL1682
Materials	**Housing & flange:** Nylon PA6-GF30 **Back body:** N/A **Contact carrier:** Nylon PA6 **Sleeves:** Nickel plated brass **Contact spring on sleeves:** Nickel plated spring steel **Pins:** N/A **External strain relief clamp:** N/A **Cable seal:** N/A **Support washer for cord grip:** N/A **Cover:** Nylon PA6-GF30 **Hinge pin:** Nylon PA6-GF30 **Cover spring:** Stainless steel **Cover gasket:** Silicon rubber **Flange gasket:** Silicon rubber **Terminal screws:** Nickel plated steel **Assembly screws:** Stainless steel	**Housing & flange:** Nylon PA6-GF30 **Back body:** Nylon PA6-GF30 **Contact carrier:** Nylon PA6 **Sleeves:** N/A **Contact spring on sleeves:** N/A **Pins:** Nickel plated brass **External strain relief clamp:** Nylon PA6-GF30 **Cable seal:** Silicon rubber **Support washer for cord grip:** Plated steel **Cover:** N/A **Hinge pin:** N/A **Cover spring:** N/A **Cover gasket:** Silicon rubber **Flange gasket:** Silicon rubber **Terminal screws:** Nickel plated steel **Assembly screws:** Stainless steel	**Housing & flange:** Nylon PA6-GF30 **Back body:** Nylon PA6-GF30 **Contact carrier:** Nylon PA6 **Sleeves:** Nickel plated brass **Contact spring on sleeves:** Nickel plated spring steel **Pins:** N/A **External strain relief clamp:** Nylon PA6-GF30 **Cable seal:** Silicon rubber **Support washer for cord grip:** Plated steel **Cover:** Nylon PA6-GF30 **Hinge pin:** Nylon PA6-GF30 **Cover spring:** Stainless steel **Cover gasket:** Silicon rubber **Flange gasket:** Silicon rubber **Terminal screws:** Nickel plated steel **Assembly screws:** Stainless steel	**Housing & flange:** Nylon PA6 **Back body:** N/A **Contact carrier:** N/A **Sleeves:** N/A **Contact spring on sleeves:** N/A **Pins:** Nickel plated brass **External strain relief clamp:** N/A **Cable seal:** N/A **Support washer for cord grip:** N/A **Cover:** N/A **Hinge pin:** N/A **Cover spring:** N/A **Cover gasket:** Silicon rubber **Flange gasket:** Silicon rubber **Terminal screws:** Nickel plated steel **Assembly screws:** Stainless steel

Compliances, specifications and availability are subject to change without notice.

Specifications for IEC 309 watertight pin & sleeve devices

Product description

North American 60A; 2-pole, 3-wire grounding; 3-pole, 4-wire grounding; 4-pole, 5-wire grounding

Device type	60A pin & sleeve receptacles	60A pin & sleeve plugs	60A pin & sleeve connectors	60A pin & sleeve inlets
Testing & code compliance	**Base device:** • Classified to IEC standards 60309-1 and 60309-2 • cULus listed to UL1682 & UL1686 and CSA 22.2 no. 182.1	**Base device:** • Classified to IEC standards 60309-1 and 60309-2 • cULus listed to UL1682 & UL1686 and CSA 22.2 no. 182.1	**Base device:** • Classified to IEC standards 60309-1 and 60309-2 • cULus listed to UL1682 & UL1686 and CSA 22.2 no. 182.1	**Base device:** • Classified to IEC standards 60309-1 and 60309-2 • cULus listed to UL1682 & UL1686 and CSA 22.2 no. 182.1
Environmental specifications	**Flammability:** Meets UL94 requirements; HB rated (housing), V0 rated (contact carriers) **Protection:** Watertight to IP67 per IEC 60529 & IP69K to DIN 40050 Part 9	**Flammability:** Meets UL94 requirements; HB rated (housing), V0 rated (contact carriers) **Protection:** Watertight to IP67 per IEC 60529 & IP69K to DIN 40050 Part 9	**Flammability:** Meets UL94 requirements; HB rated (housing), V0 rated (contact carriers) **Protection:** Watertight to IP67 per IEC 60529 & IP69K to DIN 40050 Part 9	**Flammability:** Meets UL94 requirements; HB rated (housing), V0 rated (contact carriers) **Protection:** Watertight to IP67 per IEC 60529 & IP69K to DIN 40050 Part 9
Electrical specifications	**Dielectric voltage:** 3000V **Maximum working voltage:** 600V (rms) **Current interrupting:** Yes, at full-rated current & voltage **Temperature rise:** Max. 30°C (86°F) after 50 cycles of overload @150% of rated current **Endurance:** 2000 cycles	**Dielectric voltage:** 3000V **Maximum working voltage:** 600V (rms) **Current interrupting:** Yes, at full-rated current & voltage **Temperature rise:** Max. 30°C (86°F) after 50 cycles of overload @150% of rated current **Endurance:** 2000 cycles	**Dielectric voltage:** 3000V **Maximum working voltage:** 600V (rms) **Current interrupting:** Yes, at full-rated current & voltage **Temperature rise:** Max. 30°C (86°F) after 50 cycles of overload @150% of rated current **Endurance:** 2000 cycles	**Dielectric voltage:** 3000V **Maximum working voltage:** 600V (rms) **Current interrupting:** Yes, at full-rated current & voltage **Temperature rise:** Max. 30°C (86°F) after 50 cycles of overload @150% of rated current **Endurance:** 2000 cycles
Mechanical specifications	**Terminal accommodations:** #8 - #2 AWG #10 - #2 AWG (ground) #12 - #16 AWG (pilot) **Voltage ratings:** Marked on device **Impact resistance:** UL1682 **Cable grip retention:** UL1682	**Terminal accommodations:** #8 - #2 AWG #10 - #2 AWG (ground) #12 - #16 AWG (pilot) **Voltage ratings:** Marked on device **Impact resistance:** UL1682 **Cable grip retention:** UL1682	**Terminal accommodations:** #8 - #2 AWG #10 - #2 AWG (ground) #12 - #16 AWG (pilot) **Voltage ratings:** Marked on device **Impact resistance:** UL1682 **Cable grip retention:** UL1682	**Terminal accommodations:** #8 - #2 AWG #10 - #2 AWG (ground) #12 - #16 AWG (pilot) **Voltage ratings:** Marked on device **Impact resistance:** UL1682 **Cable grip retention:** UL1682
Materials	**Housing & flange:** Nylon PA6 **Back body:** N/A **Contact carrier:** Nylon PA6 **Sleeves:** Nickel plated brass **Contact spring on sleeves:** Nickel plated spring steel **Pins:** N/A **External strain relief clamp:** N/A **Cable seal:** N/A **Support washer for cord grip:** N/A **Cover:** N/A **Hinge pin:** Nylon PA6-GF30 **Cover spring:** Nickel plated spring steel **Cover gasket:** Silicon rubber **Flange gasket:** Silicon rubber **Terminal screws:** Nickel plated steel **Assembly screws:** Stainless steel	**Housing & flange:** Nylon PA6 **Back body:** Nylon PA6-GF30 **Contact carrier:** Nylon PA6 **Sleeves:** N/A **Contact spring on sleeves:** N/A **Pins:** Nickel plated brass **External strain relief clamp:** Nylon PA6-GF30 **Cable seal:** Silicon rubber **Support washer for cord grip:** Plated steel **Cover:** Nylon PA6-GF30 **Hinge pin:** N/A **Cover spring:** N/A **Cover gasket:** N/A **Flange gasket:** N/A **Terminal screws:** Nickel plated steel **Assembly screws:** Stainless steel	**Housing & flange:** Nylon PA6 **Back body:** Nylon PA6-GF30 **Contact carriers:** Nylon PA6 **Sleeves:** Nickel plated brass **Contact spring on sleeves:** Nickel plated spring steel **Pins:** N/A **External strain relief clamp:** Nylon PA6-GF30 **Cable seal:** Silicon rubber **Support washer for cord grip:** Plated steel **Cover:** N/A **Hinge pin:** Nylon PA6-GF30 **Cover spring:** Nickel plated spring steel **Cover gasket:** Silicon rubber **Flange gasket:** N/A **Terminal screws:** Nickel plated steel **Assembly screws:** Stainless steel	**Housing & flange:** Nylon PA6 **Back body:** N/A **Contact carrier:** Nylon PA6 **Sleeves:** N/A **Contact spring on sleeves:** N/A **Pins:** Nickel plated brass **External strain relief clamp:** N/A **Cable seal:** N/A **Support washer for cord grip:** N/A **Cover:** Nylon PA6-GF30 **Hinge pin:** N/A **Cover spring:** N/A **Cover gasket:** N/A **Flange gasket:** Silicon rubber **Terminal screws:** Nickel plated steel **Assembly screws:** Stainless steel

Compliances, specifications and availability are subject to change without notice.

Specifications for IEC 309 watertight pin & sleeve devices

Product description

North American 100A; 2-pole, 3-wire grounding; 3-pole, 4-wire grounding; 4-pole, 5-wire grounding

Device type	100A pin & sleeve receptacles	100A pin & sleeve plugs	100A pin & sleeve connectors	100A pin & sleeve inlets
Testing & code compliance	**Base device:** • Classified to IEC standards 60309-1 and 60309-2 • cULus listed to UL1682 & UL1686 and CSA 22.2 no. 182.1	**Base device:** • Classified to IEC standards 60309-1 and 60309-2 • cULus listed to UL1682 & UL1686 and CSA 22.2 no. 182.1	**Base device:** • Classified to IEC standards 60309-1 and 60309-2 • cULus listed to UL1682 & UL1686 and CSA 22.2 no. 182.1	**Base device:** • Classified to IEC standards 60309-1 and 60309-2 • cULus listed to UL1682 & UL1686 and CSA 22.2 no. 182.1
Environmental specifications	**Flammability:** Meets UL94 requirements; HB rated (housing), V0 rated (contact carriers) **Protection:** Watertight to IP67 per IEC 60529 & IP69K to DIN 40050 Part 9	**Flammability:** Meets UL94 requirements; HB rated (housing), V0 rated (contact carriers) **Protection:** Watertight to IP67 per IEC 60529 & IP69K to DIN 40050 Part 9	**Flammability:** Meets UL94 requirements; HB rated (housing), V0 rated (contact carriers) **Protection:** Watertight to IP67 per IEC 60529 & IP69K to DIN 40050 Part 9	**Flammability:** Meets UL94 requirements; HB rated (housing), V0 rated (contact carriers) **Protection:** Watertight to IP67 per IEC 60529 & IP69K to DIN 40050 Part 9
Electrical specifications	**Dielectric voltage:** 3000V **Maximum working voltage:** 600V (rms) **Current interrupting:** Yes, at full-rated current & voltage **Temperature rise:** Max. 30ºC (86°F) after 50 cycles of overload @150% of rated current **Endurance:** 500 cycles	**Dielectric voltage:** 3000V **Maximum working voltage:** 600V (rms) **Current interrupting:** Yes, at full-rated current & voltage **Temperature rise:** Max. 30ºC (86°F) after 50 cycles of overload @150% of rated current **Endurance:** 500 cycles	**Dielectric voltage:** 3000V **Maximum working voltage:** 600V (rms) **Current interrupting:** Yes, at full-rated current & voltage **Temperature rise:** Max. 30ºC (86°F) after 50 cycles of overload @150% of rated current **Endurance:** 500 cycles	**Dielectric voltage:** 3000V **Maximum working voltage:** 600V (rms) **Current interrupting:** Yes, at full-rated current & voltage **Temperature rise:** Max. 30ºC (86°F) after 50 cycles of overload @150% of rated current **Endurance:** 500 cycles
Mechanical specifications	**Terminal accommodations:** #4 - 1/0 #12 - #16 AWG (pilot) **Voltage ratings:** Marked on device **Impact resistance:** UL1682 **Cable grip retention:** UL1682	**Terminal accommodations:** #4 - 1/0 #12 - #16 AWG (pilot) **Voltage ratings:** Marked on device **Impact resistance:** UL1682 **Cable grip retention:** UL1682	**Terminal accommodations:** #4 - 1/0 #12 - #16 AWG (pilot) **Voltage ratings:** Marked on device **Impact resistance:** UL1682 **Cable grip retention:** UL1682	**Terminal accommodations:** #4 - 1/0 #12 - #16 AWG (pilot) **Voltage ratings:** Marked on device **Impact resistance:** UL1682 **Cable grip retention:** UL1682
Materials	**Housing & flange:** Nylon PA66 **Back body:** N/A **Contact carrier:** Nylon PA6 **Sleeves:** Nickel plated brass **Contact spring on sleeves:** Nickel plated spring steel **Pins:** N/A **External strain relief clamp:** N/A **Cable seal:** N/A **Support washer for cord grip:** N/A **Cover:** Nylon PA6-GF30 **Hinge pin:** Nylon PA6-GF30 **Cover spring:** Nickel plated spring steel **Cover gasket:** Silicon rubber **Flange gasket:** Silicon rubber **Terminal screws:** Nickel plated steel **Assembly screws:** Stainless steel	**Housing & flange:** Nylon PA66 **Back body:** Nylon PA6-GF30 **Contact carrier:** Nylon PA6 **Sleeves:** N/A **Contact spring on sleeves:** N/A **Pins:** Nickel plated brass **External strain relief clamp:** Nylon PA6-GF30 **Cable seal:** Silicon rubber **Support washer for cord grip:** Plated Steel **Cover:** N/A **Hinge pin:** N/A **Cover spring:** N/A **Cover gasket:** N/A **Flange gasket:** N/A **Terminal screws:** Nickel plated steel **Assembly screws:** Stainless steel	**Housing & flange:** Nylon PA66 **Back body:** Nylon PA6-GF30 **Contact carrier:** Nylon PA6 **Sleeves:** Nickel plated brass **Contact spring on sleeves:** Nickel plated spring steel **Pins:** N/A **External strain relief clamp:** Nylon PA6-GF30 **Cable seal:** Silicon rubber **Support washer for cord grip:** Plated Steel **Cover:** Nylon PA6-GF30 **Hinge pin:** Nylon PA6-GF30 **Cover spring:** Nickel plated spring steel **Cover gasket:** Silicon rubber **Flange gasket:** N/A **Terminal screws:** Nickel plated steel **Assembly screws:** Stainless steel	**Housing & flange:** Nylon PA66 **Back body:** N/A **Contact carrier:** Nylon PA6 **Sleeves:** N/A **Contact spring on sleeves:** N/A **Pins:** Nickel plated brass **External strain relief clamp:** N/A **Cable seal:** N/A **Support washer for cord grip:** N/A **Cover:** N/A **Hinge pin:** N/A **Cover spring:** N/A **Cover gasket:** N/A **Flange gasket:** Silicon rubber **Terminal screws:** Nickel plated steel **Assembly screws:** Stainless steel

Compliances, specifications and availability are subject to change without notice.

Specifications for IEC 309 watertight pin & sleeve devices

Product description

International 16A & 32A; 2-pole, 3-wire grounding; 3-pole, 4-wire grounding; 4-pole, 5-wire grounding

Device type	16A & 32A pin & sleeve receptacles	16A & 32A pin & sleeve plugs	16A & 32A pin & sleeve connectors	16A & 32A pin & sleeve inlets
Testing & code compliance	**Base device:** Classified to IEC standards 60309-1 and 60309-2	**Base device:** Classified to IEC standards 60309-1 and 60309-2	**Base device:** Classified to IEC standards 60309-1 and 60309-2	**Base device:** Classified to IEC standards 60309-1 and 60309-2
Environmental specifications	**Flammability:** Meets UL94 requirements; HB rated (housing), V0 rated (contact carriers) **Protection:** Watertight to IP67 per IEC 60529 & IP69K to DIN 40050 Part 9	**Flammability:** Meets UL94 requirements; HB rated (housing), V0 rated (contact carriers) **Protection:** Watertight to IP67 per IEC 60529 & IP69K to DIN 40050 Part 9	**Flammability:** Meets UL94 requirements; HB rated (housing), V0 rated (contact carriers) **Protection:** Watertight to IP67 per IEC 60529 & IP69K to DIN 40050 Part 9	**Flammability:** Meets UL94 requirements; HB rated (housing), V0 rated (contact carriers) **Protection:** Watertight to IP67 per IEC 60529 & IP69K to DIN 40050 Part 9
Electrical specifications	**Dielectric voltage:** 50-415V: 2000V, 415-500V: 2500V **Maximum working voltage:** 480V **Breaking capacity:** Tested at 110% rated voltage & 125% rated current **Temperature rise:** 50°C Max. **Normal operation:** 5000 cycles	**Dielectric voltage:** 50-415V: 2000V, 415-500V: 2500V **Maximum working voltage:** 480V **Breaking capacity:** Tested at 110% rated voltage & 125% rated current **Temperature rise:** 50°C Max. **Normal operation:** 5000 cycles	**Dielectric voltage:** 50-415V: 2000V, 415-500V: 2500V **Maximum working voltage:** 480V **Breaking capacity:** Tested at 110% rated voltage & 125% rated current **Temperature rise:** 50°C Max. **Normal operation:** 5000 cycles	**Dielectric voltage:** 50-415V: 2000V, 415-500V: 2500V **Maximum working voltage:** 480V **Breaking capacity:** Tested at 110% rated voltage & 125% rated current **Temperature rise:** 50°C Max. **Normal operation:** 5000 cycles
Mechanical specifications	**Terminal accommodations:** #12 - #10 AWG (16A) #10 - #8 AWG (32A) **Voltage ratings:** Marked on device **Impact resistance:** IEC60309-1 **Cable grip retention:** IEC60309-2	**Terminal accommodations:** #12 - #10 AWG (16A) #10 - #8 AWG (32A) **Voltage ratings:** Marked on device **Impact resistance:** IEC60309-1 **Cable grip retention:** IEC60309-2	**Terminal accommodations:** #12 - #10 AWG (16A) #10 - #8 AWG (32A) **Voltage ratings:** Marked on device **Impact resistance:** IEC60309-1 **Cable grip retention:** IEC60309-2	**Terminal accommodations:** #12 - #10 AWG (16A) #10 - #8 AWG (32A) **Voltage ratings:** Marked on device **Impact resistance:** IEC60309-1 **Cable grip retention:** IEC60309-2
Materials	**Housing & flange:** Nylon PA6-GF30 **Back body:** N/A **Contact carrier:** Nylon PA6-FR **Sleeves:** Nickel plated brass **Contact spring on sleeves:** Nickel plated spring steel **Pins:** N/A **External strain relief clamp:** N/A **Cable seal:** N/A **Support washer for cord grip:** N/A **Cover:** Nylon PA6-GF30 **Hinge pin:** Nylon PA6-GF30 **Cover spring:** Stainless steel **Cover gasket:** Silicon rubber **Flange gasket:** Silicon rubber **Terminal screws:** Nickel plated steel **Assembly screws:** Stainless steel	**Housing & flange:** Nylon PA6-GF30 **Back body:** Nylon PA6-GF30 **Contact carrier:** Nylon PA6-FR **Sleeves:** N/A **Contact spring on sleeves:** N/A **Pins:** Nickel plated brass **External strain relief clamp:** Nylon PA6-GF30 **Cable seal:** Silicon rubber **Support washer for cord grip:** Plated Steel **Cover:** N/A **Hinge pin:** N/A **Cover spring:** N/A **Cover gasket:** Silicon rubber **Flange gasket:** Silicon rubber **Terminal screws:** Nickel plated steel **Assembly screws:** Stainless steel	**Housing & flange:** Nylon PA6-GF30 **Back body:** Nylon PA6-GF30 **Contact carrier:** Nylon PA6-FR **Sleeves:** Nickel plated brass **Contact spring on sleeves:** Nickel plated spring steel **Pins:** N/A **External strain relief clamp:** Nylon PA6-GF30 **Cable seal:** Silicon rubber **Support washer for cord grip:** Plated Steel **Cover:** Nylon PA6-GF30 **Hinge pin:** Nylon PA6-GF30 **Cover spring:** Stainless steel **Cover gasket:** Silicon rubber **Flange gasket:** Silicon rubber **Terminal screws:** Nickel plated steel **Assembly screws:** Stainless steel	**Housing & flange:** Nylon PA6 **Back body:** N/A **Contact carrier:** N/A **Sleeves:** N/A **Contact spring on sleeves:** N/A **Pins:** Nickel plated brass **External strain relief clamp:** N/A **Cable seal:** N/A **Support washer for cord grip:** N/A **Cover:** N/A **Hinge pin:** N/A **Cover spring:** N/A **Cover gasket:** Silicon rubber **Flange gasket:** Silicon rubber **Terminal screws:** Nickel plated steel **Assembly screws:** Stainless steel

Compliances, specifications and availability are subject to change without notice.

Specifications for IEC 309 watertight pin & sleeve devices

Product description

International 63A; 2-pole, 3-wire grounding; 3-pole, 4-wire grounding; 4-pole, 5-wire grounding

Device type	63A pin & sleeve receptacles	63A pin & sleeve plugs	63A pin & sleeve connectors	63A pin & sleeve inlets
Testing & code compliance:	**Base device:** Classified to IEC standards 60309-1 and 60309-2	**Base device:** Classified to IEC standards 60309-1 and 60309-2	**Base device:** Classified to IEC standards 60309-1 and 60309-2	**Base device:** Classified to IEC standards 60309-1 and 60309-2
Environmental specifications	**Flammability:** Meets UL94 requirements; HB rated (housing), V0 rated (contact carriers) **Protection:** Watertight to IP67 per IEC 60529 & IP69K to DIN 40050 Part 9	**Flammability:** Meets UL94 requirements; HB rated (housing), V0 rated (contact carriers) **Protection:** Watertight to IP67 per IEC 60529 & IP69K to DIN 40050 Part 9	**Flammability:** Meets UL94 requirements; HB rated (housing), V0 rated (contact carriers) **Protection:** Watertight to IP67 per IEC 60529 & IP69K to DIN 40050 Part 9	**Flammability:** Meets UL94 requirements; HB rated (housing), V0 rated (contact carriers) **Protection:** Watertight to IP67 per IEC 60529 & IP69K to DIN 40050 Part 9
Electrical specifications	**Dielectric voltage:** 50-415V: 2000V, 415-500V: 2500V **Maximum working voltage:** 480V **Breaking capacity:** Tested at 110% rated voltage & 125% rated current **Temperature rise:** 50ºC Max. **Normal operation:** 2000 cycles	**Dielectric voltage:** 50-415V: 2000V, 415-500V: 2500V **Maximum working voltage:** 480V **Breaking capacity:** Tested at 110% rated voltage & 125% rated current **Temperature rise:** 50ºC Max. **Normal operation:** 2000 cycles	**Dielectric voltage:** 50-415V: 2000V, 415-500V: 2500V **Maximum working voltage:** 480V **Breaking capacity:** Tested at 110% rated voltage & 125% rated current **Temperature rise:** 50ºC Max. **Normal operation:** 2000 cycles	**Dielectric voltage:** 50-415V: 2000V, 415-500V: 2500V **Maximum working voltage:** 480V **Breaking capacity:** Tested at 110% rated voltage & 125% rated current **Temperature rise:** 50ºC Max. **Normal operation:** 2000 cycles
Mechanical specifications	**Terminal accommodations:** #8 - #2 AWG #10 - #2 AWG (ground) #12 - #16 AWG (pilot) **Voltage ratings:** Marked on device **Impact resistance:** IEC60309-1 **Cable grip retention:** IEC60309-2	**Terminal accommodations:** #8 - #2 AWG #10 - #2 AWG (ground) #12 - #16 AWG (pilot) **Voltage ratings:** Marked on device **Impact resistance:** IEC60309-1 **Cable grip retention:** IEC60309-2	**Terminal accommodations:** #8 - #2 AWG #10 - #2 AWG (ground) #12 - #16 AWG (pilot) **Voltage ratings:** Marked on device **Impact resistance:** IEC60309-1 **Cable grip retention:** IEC60309-2	**Terminal accommodations:** #8 - #2 AWG #10 - #2 AWG (ground) #12 - #16 AWG (pilot) **Voltage ratings:** Marked on device **Impact resistance:** IEC60309-1 **Cable grip retention:** IEC60309-2
Materials	**Housing & flange:** Nylon PA6 **Back body:** N/A **Contact carrier:** Nylon PA6 **Sleeves:** Nickel plated brass **Contact spring on sleeves:** Nickel plated spring steel **Pins:** N/A **External strain relief clamp:** N/A **Cable seal:** N/A **Support washer for cord grip:** N/A **Cover:** N/A **Hinge pin:** Nylon PA6-GF30 **Cover spring:** Nickel plated spring steel **Cover gasket:** Silicon rubber **Flange gasket:** Silicon rubber **Terminal screws:** Nickel plated steel **Assembly screws:** Stainless steel	**Housing & flange:** Nylon PA6 **Back body:** Nylon PA6-GF30 **Contact carrier:** Nylon PA6 **Sleeves:** N/A **Contact spring on sleeves:** N/A **Pins:** Nickel plated brass **External strain relief clamp:** Nylon PA6-GF30 **Cable seal:** Silicon rubber **Support washer for cord grip:** Plated steel **Cover:** Nylon PA6-GF30 **Hinge pin:** N/A **Cover spring:** N/A **Cover gasket:** N/A **Flange gasket:** N/A **Terminal screws:** Nickel plated steel **Assembly screws:** Stainless steel	**Housing & flange:** Nylon PA6 **Back body:** Nylon PA6-GF30 **Contact carrier:** Nylon PA6 **Sleeves:** Nickel plated brass **Contact spring on sleeves:** Nickel plated spring steel **Pins:** N/A **External strain relief clamp:** Nylon PA6-GF30 **Cable seal:** Silicon rubber **Support washer for cord grip:** Plated steel **Cover:** N/A **Hinge pin:** Nylon PA6-GF30 **Cover spring:** Nickel plated spring steel **Cover gasket:** Silicon rubber **Flange gasket:** N/A **Terminal screws:** Nickel plated steel **Assembly screws:** Stainless steel	**Housing & flange:** Nylon PA6 **Back body:** N/A **Contact carrier:** Nylon PA6 **Sleeves:** N/A **Contact spring on sleeves:** N/A **Pins:** Nickel plated brass **External strain relief clamp:** N/A **Cable seal:** N/A **Support washer for cord grip:** N/A **Cover:** Nylon PA6-GF30 **Hinge pin:** N/A **Cover spring:** N/A **Cover gasket:** N/A **Flange gasket:** Silicon rubber **Terminal screws:** Nickel plated steel **Assembly screws:** Stainless steel

Compliances, specifications and availability are subject to change without notice.

Specifications for IEC 309 watertight pin & sleeve devices

Product description

International 125A; 2-pole, 3-wire grounding; 3-pole, 4-wire grounding; 4-pole, 5-wire grounding

Device type	125A pin & sleeve receptacles	125A pin & sleeve plugs	125A pin & sleeve connectors	125A pin & sleeve inlets
Testing & code compliance	**Base device:** • Classified to IEC standards 60309-1 and 60309-2 • Listed to UL1682 & UL1686	**Base device:** • Classified to IEC standards 60309-1 and 60309-2 • Listed to UL1682 & UL1686	**Base device:** • Classified to IEC standards 60309-1 and 60309-2 • Listed to UL1682 & UL1686	**Base device:** • Classified to IEC standards 60309-1 and 60309-2 • Listed to UL1682 & UL1686
Environmental specifications	**Flammability:** Meets UL94 requirements; HB rated (housing), V0 rated (contact carriers) **Protection:** Watertight to IP67 per IEC 60529 & IP69K to DIN 40050 Part 9	**Flammability:** Meets UL94 requirements; HB rated (housing), V0 rated (contact carriers) **Protection:** Watertight to IP67 per IEC 60529 & IP69K to DIN 40050 Part 9	**Flammability:** Meets UL94 requirements; HB rated (housing), V0 rated (contact carriers) **Protection:** Watertight to IP67 per IEC 60529 & IP69K to DIN 40050 Part 9	**Flammability:** Meets UL94 requirements; HB rated (housing), V0 rated (contact carriers) **Protection:** Watertight to IP67 per IEC 60529 & IP69K to DIN 40050 Part 9
Electrical specifications	**Dielectric voltage:** 50-415V: 2000V, 415-500V: 2500V **Maximum working voltage:** 480V **Breaking capacity:** Tested at 110% rated voltage & 125% rated current **Temperature rise:** 50°C Max. **Normal operation:** 500 cycles	**Dielectric voltage:** 50-415V: 2000V, 415-500V: 2500V **Maximum working voltage:** 480V **Breaking capacity:** Tested at 110% rated voltage & 125% rated current **Temperature rise:** 50°C Max. **Normal operation:** 500 cycles	**Dielectric voltage:** 50-415V: 2000V, 415-500V: 2500V **Maximum working voltage:** 480V **Breaking capacity:** Tested at 110% rated voltage & 125% rated current **Temperature rise:** 50°C Max. **Normal operation:** 500 cycles	**Dielectric voltage:** 50-415V: 2000V, 415-500V: 2500V **Maximum working voltage:** 480V **Breaking capacity:** Tested at 110% rated voltage & 125% rated current **Temperature rise:** 50°C Max. **Normal operation:** 500 cycles
Mechanical specifications	**Terminal accommodations:** #4 - 1/0 AWG #12 - #16 AWG (pilot) **Voltage ratings:** Marked on device **Impact resistance:** IEC60309-1 **Cable grip retention:** IEC60309-2	**Terminal accommodations:** #4 - 1/0 AWG #12 - #16 AWG (pilot) **Voltage ratings:** Marked on device **Impact resistance:** IEC60309-1 **Cable grip retention:** IEC60309-2	**Terminal accommodations:** #4 - 1/0 AWG #12 - #16 AWG (pilot) **Voltage ratings:** Marked on device **Impact resistance:** IEC60309-1 **Cable grip retention:** IEC60309-2	**Terminal accommodations:** #4 - 1/0 AWG #12 - #16 AWG (pilot) **Voltage ratings:** Marked on device **Impact resistance:** IEC60309-1 **Cable grip retention:** IEC60309-2]
Materials	**Housing & flange:** Nylon PA66 **Back body:** N/A **Contact carrier:** Nylon PA6 **Sleeves:** Nickel plated brass **Contact spring on sleeves:** Nickel plated spring steel **Pins:** N/A **External strain relief clamp:** N/A **Cable seal:** N/A **Support washer for cord grip:** N/A **Cover:** Nylon PA6-GF30 **Hinge pin:** Nylon PA6-GF30 **Cover spring:** Nickel plated spring steel **Cover gasket:** Silicon rubber **Flange gasket:** Silicon rubber **Terminal screws:** Nickel plated steel **Assembly screws:** Stainless steel	**Housing & flange:** Nylon PA66 **Back body:** Nylon PA6-GF30 **Contact carrier:** Nylon PA6 **Sleeves:** N/A **Contact spring on sleeves:** N/A **Pins:** Nickel plated brass **External strain relief clamp:** Nylon PA6-GF30 **Cable seal:** Silicon rubber **Support washer for cord grip:** Plated steel **Cover:** N/A **Hinge pin:** N/A **Cover spring:** N/A **Cover gasket:** N/A **Flange gasket:** N/A **Terminal screws:** Nickel plated steel **Assembly screws:** Stainless steel	**Housing & flange:** Nylon PA66 **Back body:** Nylon PA6-GF30 **Contact carrier:** Nylon PA6 **Sleeves:** Nickel plated brass **Contact spring on sleeves:** Nickel plated spring steel **Pins:** N/A **External strain relief clamp:** Nylon PA6-GF30 **Cable seal:** Silicon rubber **Support washer for cord grip:** Plated steel **Cover:** Nylon PA6-GF30 **Hinge pin:** Nylon PA6-GF30 **Cover spring:** Nickel plated spring steel **Cover gasket:** Silicon rubber **Flange gasket**: N/A **Terminal screws:** Nickel plated steel **Assembly screws:** Stainless steel	**Housing & flange:** Nylon PA66 **Back body:** N/A **Contact carrier:** Nylon PA6 **Sleeves:** N/A **Contact spring on sleeves:** N/A **Pins:** Nickel plated brass **External strain relief clamp:** N/A **Cable seal:** N/A **Support washer for cord grip:** N/A **Cover:** N/A **Hinge pin:** N/A **Cover spring:** N/A **Cover gasket:** N/A **Flange gasket:** Silicon rubber **Terminal screws:** Nickel plated steel **Assembly screws:** Stainless steel

Compliances, specifications and availability are subject to change without notice.

Specifications for IEC 309 watertight pin & sleeve mechanical interlocks

Product description

20A; 2-pole, 3-wire grounding; 3-pole, 4-wire grounding; 4-pole, 5-wire grounding

Device type	20A non-fusible mechanical interlocks	20A fusible mechanical interlocks	20A fuse option mechanical interlocks	20A circuit breaker option mechanical interlocks
Testing & code compliance	**Base device:** • Classified to IEC standards 60309-1 and 60309-2 • Listed to UL508, UL1682 & UL1686 • CSA certified to C22.2, no. 4-M91	**Base device:** • Classified to IEC standards 60309-1 and 60309-2 • Listed to UL98, UL1682 & UL1686 • CSA certified to C22.2, no. 4-M91	**Base device:** • Classified to IEC standards 60309-1 and 60309-2 • Listed to UL508, UL1682 & UL1686 • CSA certified to C22.2, no. 4-M91	**Base device:** • Classified to IEC standards 60309-1 and 60309-2 • Listed to UL508, UL1682 & UL1686 • CSA certified to C22.2, no. 4-M91
Environmental specifications	**Flammability:** Meets UL94 requirements; HB rated (housing), V0 rated (contact carriers) **Protection:** NEMA Type 4X; 12 rated enclosure Watertight to IP66 per IEC 529	**Flammability:** Meets UL94 requirements; HB rated (housing), V0 rated (contact carriers) **Protection:** NEMA Type 4X; 12 rated enclosure Watertight to IP66 per IEC 529	**Flammability:** Meets UL94 requirements: HB rated (housing), V0 rated (contact carriers) **Protection:** NEMA Type 4X; 12 rated enclosure Watertight to IP66 per IEC 529	**Flammability:** Meets UL94 requirements; HB rated (housing), V0 rated (contact carriers) **Protection:** NEMA Type 4X; 12 rated enclosure Watertight to IP66 per IEC 529
Electrical specifications	**Dielectric voltage:** 3000V **Maximum working voltage:** 600V (rms) **Current interrupting:** Yes, at full-rated current & voltage **Temperature rise:** Max. 30ºC (86°F) after 50 cycles of overload @150% of rated current **Endurance:** 5000 cycles	**Dielectric voltage:** 3000V **Maximum working voltage:** 600V (rms) **Current interrupting:** Yes, at full-rated current & voltage **Temperature rise:** Max. 30ºC (86°F) after 50 cycles of overload @150% of rated current **Endurance:** 5000 cycles	**Dielectric voltage:** 3000V **Maximum working voltage:** 600V (rms) **Current interrupting:** Yes, at full-rated current & voltage **Temperature rise:** Max. 30ºC (86°F) after 50 cycles of overload @150% of rated current **Endurance:** 5000 cycles	**Dielectric voltage:** 3000V **Maximum working voltage:** 600V (rms) **Current interrupting:** Yes, at full-rated current & voltage **Temperature rise:** Max. 30ºC (86°F) after 50 cycles of overload @150% of rated current **Endurance:** 5000 cycles
Mechanical specifications	**Voltage ratings:** Marked on device **Impact resistance:** CSA 22.2, 182.1 UL1682 **Cable grip retention:** CSA 22.2, 182.1 UL1682	**Voltage ratings:** Marked on device **Impact resistance:** CSA 22.2, 182.1 UL1682 **Cable grip retention:** CSA 22.2, 182.1 UL1682	**Voltage ratings:** Marked on device **Impact resistance:** CSA 22.2, 182.1 UL1682 **Cable grip retention:** CSA 22.2, 182.1 UL1682	**Voltage ratings:** Marked on device **Impact resistance:** CSA 22.2, 182.1 UL1682 **Cable grip retention:** CSA 22.2, 182.1 UL1682
Materials	**Enclosure back housing:** UV stabilized Valox® **Enclosure cover:** UV stabilized Valox® **Enclosure gasket:** Poured-in-place, seamless **Enclosure fixing screws:** Stainless steel **Receptacle housing & flange:** PBT polyester & nylon/ABS blend **Receptacle contact carrier/support isolators:** Type 6/6 nylon **Receptacle sleeves:** Brass **Contact spring on sleeves:** Nickel plated stainless steel **Receptacle rivet:** PBT polyester **Receptacle cover:** Type 6 nylon w/ PBT locking ring **Receptacle cover spring:** Stainless steel **Receptacle cover gasket:** NBR rubber **Receptacle flange gasket:** EPDM rubber **Receptacle terminal screws:** Nickel plated brass **Receptacle assembly screws:** Stainless steel	**Enclosure back housing:** UV stabilized Valox® **Enclosure cover:** UV stabilized Valox® **Enclosure gasket:** Poured-in-place, seamless **Enclosure fixing screws:** Stainless steel **Receptacle housing & flange:** PBT polyester & nylon/ABS blend **Receptacle contact carrier/support isolators:** Type 6/6 nylon **Receptacle sleeves:** Brass **Contact spring on sleeves:** Nickel plated stainless steel **Receptacle rivet:** PBT polyester **Receptacle cover:** Type 6 nylon w/ PBT locking ring **Receptacle cover spring:** Stainless steel **Receptacle cover gasket:** NBR rubber **Receptacle flange gasket:** EPDM rubber **Receptacle terminal screws:** Nickel plated brass **Receptacle assembly screws:** Stainless steel	**Enclosure back housing:** UV stabilized Valox® **Enclosure cover:** UV stabilized Valox® **Enclosure gasket:** Poured-in-place, seamless **Enclosure fixing screws:** Stainless steel **Receptacle housing & flange:** PBT polyester & nylon/ABS blend **Receptacle contact carrier/support isolators:** Type 6/6 nylon **Receptacle sleeves:** Brass **Contact spring on sleeves:** Nickel plated stainless steel **Receptacle rivet:** PBT polyester **Receptacle cover:** Type 6 nylon w/ PBT locking ring **Receptacle cover spring:** Stainless steel **Receptacle cover gasket:** NBR rubber **Receptacle flange gasket:** EPDM rubber **Receptacle terminal screws:** Nickel plated brass **Receptacle assembly screws:** Stainless steel	**Enclosure back housing:** UV stabilized Valox® **Enclosure cover:** UV stabilized Valox® **Enclosure gasket:** Poured-in-place, seamless **Enclosure fixing screws:** Stainless steel **Receptacle housing & flange:** PBT polyester & nylon/ABS blend **Receptacle contact carrier/support isolators:** Type 6/6 nylon **Receptacle sleeves:** Brass **Contact spring on sleeves:** Nickel plated stainless steel **Receptacle rivet:** PBT polyester **Receptacle cover:** Type 6 nylon w/ PBT locking ring **Receptacle cover spring:** Stainless steel **Receptacle cover gasket:** NBR rubber **Receptacle flange gasket:** EPDM rubber **Receptacle terminal screws:** Nickel plated brass **Receptacle assembly screws:** Stainless steel

Compliances, specifications and availability are subject to change without notice.

Specifications for IEC 309 watertight pin & sleeve mechanical interlocks

Product description

30A; 2-pole, 3-wire grounding; 3-pole, 4-wire grounding; 4-pole, 5-wire grounding

Device type	30A pin & sleeve receptacles	30A pin & sleeve plugs	30A pin & sleeve connectors	30A pin & sleeve inlets
Testing & code compliance	**Base device:** • Classified to IEC standards 60309-1 and 60309-2 • Listed to UL508, UL1682 & UL1686 • CSA certified to C22.2, no. 4-M91	**Base device:** • Classified to IEC standards 60309-1 and 60309-2 • Listed to UL98, UL1682 & UL1686 • CSA certified to C22.2, no. 4-M91	**Base device:** • Classified to IEC standards 60309-1 and 60309-2 • Listed to UL508, UL1682 & UL1686 • CSA certified to C22.2, no. 4-M91	**Base device:** • Classified to IEC standards 60309-1 and 60309-2 • Listed to UL508, UL1682 & UL1686 • CSA certified to C22.2, no. 4-M91
Environmental specifications	**Flammability:** Meets UL94 requirements; 5V rated **Protection:** NEMA Type 4X; 12 rated enclosure watertight to IP66 per IEC 529	**Flammability:** Meets UL94 requirements; 5V rated **Protection:** NEMA Type 4X; 12 rated enclosure watertight to IP66 per IEC 529	**Flammability:** Meets UL94 requirements; 5V rated **Protection:** NEMA Type 4X; 12 rated enclosure watertight to IP66 per IEC 529	**Flammability:** Meets UL94 requirements; 5V rated **Protection:** NEMA Type 4X; 12 rated enclosure watertight to IP66 per IEC 529
Electrical specifications	**Dielectric voltage:** 3000V **Maximum working voltage:** 600V (rms) **Current interrupting:** Yes, at full-rated current & voltage **Temperature rise:** Max. 30°C (86°F) after 50 cycles of overload @150% of rated current **Endurance:** 5000 cycles	**Dielectric voltage:** 3000V **Maximum working voltage:** 600V (rms) **Current interrupting:** Yes, at full-rated current & voltage **Temperature rise:** Max. 30°C (86°F) after 50 cycles of overload @150% of rated current **Endurance:** 5000 cycles	**Dielectric voltage:** 3000V **Maximum working voltage:** 600V (rms) **Current interrupting:** Yes, at full-rated current & voltage **Temperature rise:** Max. 30°C (86°F) after 50 cycles of overload @150% of rated current **Endurance:** 5000 cycles	**Dielectric voltage:** 3000V **Maximum working voltage:** 600V (rms) **Current interrupting:** Yes, at full-rated current & voltage **Temperature rise:** Max. 30°C (86°F) after 50 cycles of overload @150% of rated current **Endurance:** 5000 cycles
Mechanical specifications	**Voltage ratings:** Marked on device **Impact resistance:** CSA 22.2, 182.1 UL1682 **Cable grip retention:** CSA 22.2, 182.1 UL1682	**Voltage ratings:** Marked on device **Impact resistance:** CSA 22.2, 182.1 UL1682 **Cable grip retention:** CSA 22.2, 182.1 UL1682	**Voltage ratings:** Marked on device **Impact resistance:** CSA 22.2, 182.1 UL1682 **Cable grip retention:** CSA 22.2, 182.1 UL1682	**Voltage ratings:** Marked on device **Impact resistance:** CSA 22.2, 182.1 UL1682 **Cable grip retention:** CSA 22.2, 182.1 UL1682
Materials	**Enclosure back housing:** UV stabilized Valox® **Enclosure cover:** UV stabilized Valox® **Enclosure gasket:** Poured-in-place, seamless **Enclosure fixing screws:** Stainless steel **Receptacle housing & flange:** PBT polyester & nylon/ABS blend **Receptacle contact carrier/ support isolators:** Type 6/6 nylon **Receptacle sleeves:** Brass **Contact spring on sleeves:** Nickel plated stainless steel **Receptacle rivet:** PBT polyester **Receptacle cover:** Type 6 nylon w/ PBT locking ring **Receptacle cover spring:** Stainless steel **Receptacle cover gasket:** NBR rubber **Receptacle flange gasket:** EPDM rubber **Receptacle terminal screws:** Nickel plated brass **Receptacle assembly screws:** Stainless steel	**Enclosure back housing:** UV stabilized Valox® **Enclosure cover:** UV stabilized Valox® **Enclosure gasket:** Poured-in-place, seamless **Enclosure fixing screws:** Stainless steel **Receptacle housing & flange:** PBT polyester & nylon/ABS blend **Receptacle contact carrier/ support isolators:** Type 6/6 nylon **Receptacle sleeves:** Brass **Contact spring on sleeves:** Nickel plated stainless steel **Receptacle rivet:** PBT polyester **Receptacle cover:** Type 6 nylon w/ PBT locking ring **Receptacle cover spring:** Stainless steel **Receptacle cover gasket:** NBR rubber **Receptacle flange gasket:** EPDM rubber **Receptacle terminal screws:** Nickel plated brass **Receptacle assembly screws:** Stainless steel	**Enclosure back housing:** UV stabilized Valox® **Enclosure cover:** UV stabilized Valox® **Enclosure gasket:** Poured-in-place, seamless **Enclosure fixing screws:** Stainless steel **Receptacle housing & flange:** PBT polyester & nylon/ABS blend **Receptacle contact carrier/ support isolators:** Type 6/6 nylon **Receptacle sleeves:** Brass **Contact spring on sleeves:** Nickel plated stainless steel **Receptacle rivet:** PBT polyester **Receptacle cover:** Type 6 nylon w/ PBT locking ring **Receptacle cover spring:** Stainless steel **Receptacle cover gasket:** NBR rubber **Receptacle flange gasket:** EPDM rubber **Receptacle terminal screws:** Nickel plated brass **Receptacle assembly screws:** Stainless steel	**Enclosure back housing:** UV stabilized Valox® **Enclosure cover:** UV stabilized Valox® **Enclosure gasket:** Poured-in-place, seamless **Enclosure fixing screws:** Stainless steel **Receptacle housing & flange:** PBT polyester & nylon/ABS blend **Receptacle contact carrier/ support isolators:** Type 6/6 nylon **Receptacle sleeves:** Brass **Contact spring on sleeves:** Nickel plated stainless steel **Receptacle rivet:** PBT polyester **Receptacle cover:** Type 6 nylon w/ PBT locking ring **Receptacle cover spring:** Stainless steel **Receptacle cover gasket:** NBR rubber **Receptacle flange gasket:** EPDM rubber **Receptacle terminal screws:** Nickel plated brass **Receptacle assembly screws:** Stainless steel

Compliances, specifications and availability are subject to change without notice.

Specifications for IEC 309 watertight pin & sleeve mechanical interlocks

Product description

60A & 100A; 2-pole, 3-wire grounding; 3-pole, 4-wire grounding; 4-pole, 5-wire grounding

Device type	60A & 100A non-fusible mechanical interlocks	60A & 100A fusible mechanical interlocks	60A & 100A fuse option mechanical interlocks	60A & 100A circuit breaker option mechanical interlocks
Testing & code compliance	**Base device:** • Classified to IEC standards 60309-1 and 60309-2 • Listed to UL508, UL1682 & UL1686 • CSA Certified to C22.2, no. 4-M91	**Base device:** • Classified to IEC standards 60309-1 and 60309-2 • Listed to UL98, UL1682 & UL1686 • CSA Certified to C22.2, no. 4-M91	**Base device:** • Classified to IEC standards 60309-1 and 60309-2 • Listed to UL508, UL1682 & UL1686 • CSA Certified to C22.2, no. 4-M91	**Base device:** • Classified to IEC standards 60309-1 and 60309-2 • Listed to UL508, UL1682 & UL1686 • CSA Certified to C22.2, no. 4-M91
Environmental specifications	**Flammability:** Meets UL94 requirements; 5V rated **Protection:** NEMA Type 4X; 12 rated enclosure Watertight to IP66 per IEC 529	**Flammability:** Meets UL94 requirements; 5V rated **Protection:** NEMA Type 4X; 12 rated enclosure Watertight to IP66 per IEC 529	**Flammability:** Meets UL94 requirements; 5V rated **Protection:** NEMA Type 4X; 12 rated enclosure Watertight to IP66 per IEC 529	**Flammability:** Meets UL94 requirements; 5V rated **Protection:** NEMA Type 4X; 12 rated enclosure Watertight to IP66 per IEC 529
Electrical specifications	**Dielectric voltage:** 3000V **Maximum working voltage:** 600V (rms) **Current interrupting:** Yes, at full-rated current & voltage **Temperature rise:** Max. 30ºC (86°F) after 50 cycles of overload @150% of rated current **Endurance:** 5000 cycles	**Dielectric voltage:** 3000V **Maximum working voltage:** 600V (rms) **Current interrupting:** Yes, at full-rated current & voltage **Temperature rise:** Max. 30ºC (86°F) after 50 cycles of overload @150% of rated current **Endurance:** 5000 cycles	**Dielectric voltage:** 3000V **Maximum working voltage:** 600V (rms) **Current interrupting:** Yes, at full-rated current & voltage **Temperature rise:** Max. 30ºC (86°F) after 50 cycles of overload @150% of rated current **Endurance:** 5000 cycles	**Dielectric voltage:** 3000V **Maximum working voltage:** 600V (rms) **Current interrupting:** Yes, at full-rated current & voltage **Temperature rise:** Max. 30ºC (86°F) after 50 cycles of overload @150% of rated current **Endurance:** 5000 cycles
Mechanical specifications	**Voltage ratings:** Marked on device **Impact resistance:** CSA 22.2, 182.1 UL1682 **Cable grip retention:** CSA 22.2, 182.1 UL1682	**Voltage ratings:** Marked on device **Impact resistance:** CSA 22.2, 182.1 UL1682 **Cable grip retention:** CSA 22.2, 182.1 UL1682	**Voltage ratings:** Marked on device **Impact resistance:** CSA 22.2, 182.1 UL1682 **Cable grip retention:** CSA 22.2, 182.1 UL1682	**Voltage ratings:** Marked on device **Impact resistance:** CSA 22.2, 182.1 UL1682 **Cable grip retention:** CSA 22.2, 182.1 UL1682
Materials	**Enclosure back housing:** UV stabilized Valox® **Enclosure cover:** UV stabilized Valox® **Enclosure gasket:** Poured-in-place, seamless **Enclosure fixing screws:** Stainless steel **Receptacle housing & flange:** PBT polyester & nylon/ABS blend **Receptacle contact carrier/support isolators:** Type 6/6 nylon **Receptacle sleeves:** Brass **Contact spring on sleeves:** Nickel plated stainless steel **Receptacle rivet:** PBT polyester **Receptacle cover:** Type 6 nylon w/ PBT locking ring **Receptacle cover spring:** Stainless steel **Receptacle cover gasket:** NBR rubber **Receptacle flange gasket:** EPDM rubber **Receptacle terminal screws:** Nickel plated brass **Receptacle assembly screws:** Stainless steel	**Enclosure back housing:** UV stabilized Valox® **Enclosure cover:** UV stabilized Valox® **Enclosure gasket:** Poured-in-place, seamless **Enclosure fixing screws:** Stainless steel **Receptacle housing & flange:** PBT polyester & nylon/ABS blend **Receptacle contact carrier/support isolators:** Type 6/6 nylon **Receptacle sleeves:** Brass **Contact spring on sleeves:** Nickel plated stainless steel **Receptacle rivet:** PBT polyester **Receptacle cover:** Type 6 nylon w/ PBT locking ring **Receptacle cover spring:** Stainless steel **Receptacle cover gasket:** NBR rubber **Receptacle flange gasket:** EPDM rubber **Receptacle terminal screws:** Nickel plated brass **Receptacle assembly screws:** Stainless steel	**Enclosure back housing:** UV stabilized Valox® **Enclosure cover:** UV stabilized Valox® **Enclosure gasket:** Poured-in-place, seamless **Enclosure fixing screws:** Stainless steel **Receptacle housing & flange:** PBT polyester & nylon/ABS blend **Receptacle contact carrier/support isolators:** Type 6/6 nylon **Receptacle sleeves:** Brass **Contact spring on sleeves:** Nickel plated stainless steel **Receptacle rivet:** PBT polyester **Receptacle cover:** Type 6 nylon w/ PBT locking ring **Receptacle cover spring:** Stainless steel **Receptacle cover gasket:** NBR rubber **Receptacle flange gasket:** EPDM rubber **Receptacle terminal screws:** Nickel plated brass **Receptacle assembly screws:** Stainless steel	**Enclosure back housing:** UV stabilized Valox® **Enclosure cover:** UV stabilized Valox® **Enclosure gasket:** Poured-in-place, seamless **Enclosure fixing screws:** Stainless steel **Receptacle housing & flange:** PBT polyester & nylon/ABS blend **Receptacle contact carrier/support isolators:** Type 6/6 nylon **Receptacle sleeves:** Brass **Contact spring on sleeves:** Nickel plated stainless steel **Receptacle rivet:** PBT polyester **Receptacle cover:** Type 6 nylon w/ PBT locking ring **Receptacle cover spring:** Stainless steel **Receptacle cover gasket:** NBR rubber **Receptacle flange gasket:** EPDM rubber **Receptacle terminal screws:** Nickel plated brass **Receptacle assembly screws:** Stainless steel

Compliances, specifications and availability are subject to change without notice.

SECTION H

Ground Fault Circuit Interrupters (GFCIs)

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Specification grade GFCIs H-7

2-pole, 3-wire grounding	Rating	
15A, 125V/AC	NEMA 5-15	H-7, H-8
20A, 125V/AC	NEMA 5-20	H-7, H-8

Combination switch/GFCI, 2-pole 3-wire grounding	Rating	
15A, 125V/AC	NEMA 5-15	H-8

Blank face (dead-front), 2-pole, 3-wire grounding		
20A, 125V/AC		H-8

Hospital grade specification GFCIs H-9

2-pole, 3-wire grounding	Rating	
15A, 125V/AC	NEMA 5-15	H-10
20A, 125V/AC	NEMA 5-20	H-10

Industrial grade portable GFCIs H-11

15A portable GFCIs	Rating	
Plug series, single or tri-tap connector	NEMA 5-15	H-12
Plug series, field wireable	NEMA 5-15	H-12
Inline series, single or tri-tap connector	NEMA 5-15	H-12
Inline series, field wireable	NEMA 5-15	H-12

20A portable GFCIs	Rating	
Inline series, field wireable	NON-NEMA	H-13
Inline series, molded straight blade	NEMA 5-20	H-13
Inline series, molded locking	NEMA L5-20	H-13

30A portable GFCIs	Rating	
Inline series, field wireable, single phase	NON-NEMA	H-14
Inline series, molded locking	NON-NEMA	H-14

Watertight portable GFCIs	Rating	
15A, straight blade	NEMA 5-15	H-15
20A, straight blade	NEMA 5-20	H-15
20A, locking	NEMA L5-20	H-15
20A, locking	NEMA L6-20	H-15
30A, locking	NEMA L5-30	H-15
30A, locking	NEMA L6-30	H-15

Specification information H-16

GFCI families

Protecting people from electrical shock hazards

Arrow Hart's complete offering of ground fault circuit interrupters (GFCIs) is built to meet every need in commercial, industrial and institutional settings, whether permanent or temporary – and is fully compliant with the latest UL943 standards for GFCIs, including self-testing functionality

Specification grade GFCIs

Arrow Hart GFCI receptacles meet the stringent UL943 (GFCI) standards, plus our broad line provides solutions for commercial, industrial and institutional applications.

Hospital specification grade GFCIs

Designed for safety and reliability, Arrow Hart GFCI receptacles meet the strict standards of UL943 (GFCI) and UL498 (hospital grade receptacle standards). Plus, our broad line provides solutions including tamper resistant, ArrowLink modular and NAFTA compliant versions.

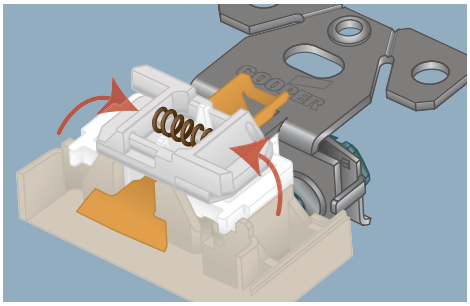
Industrial grade portable GFCIs

Specifically designed to protect personnel and equipment from ground fault hazards in indoor or outdoor job site applications.

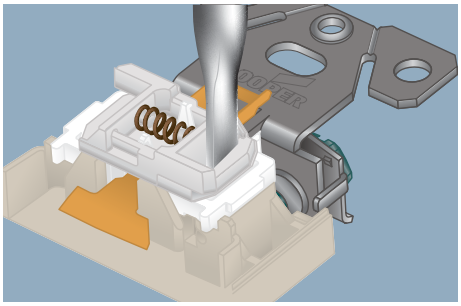
Self-test GFCI UL943 standards	Arrow Hart GFCI
• Auto-monitoring function that allows periodic automatic testing of GFCI	• Auto-monitoring function that allows periodic automatic testing of GFCI
• Automatic test initiates within 5 seconds of power availability to the line or load terminals and repeats at least every 3 hours	• Automatic test initiates within **1 second** of power availability to the line or load terminals and repeats every **1.5 hours**
• If auto-monitoring detects a problem, GFCI will have power denial (trip with the inability to reset)	• If auto-monitoring detects a problem, GFCI will have power denial (trip with the inability to reset)
• Visual and/or audible indicator will alert if there is a problem	• Visual indicator will alert if there is a problem
• Trip with the ability to reset subject to the next auto-monitoring test cycle or repeatedly trip	

Tamper resistant, weather resistant, and tamper & weather resistant receptacles

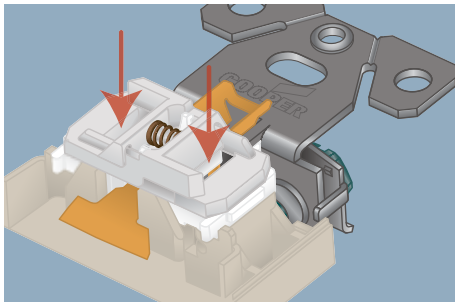
How the tamper resistant system works:



Shutters restrict access in closed position.



Insertion of object in any one side will not open shutters.



Insertion of two-bladed plug or grounding plug will open shutters.

TR TAMPER RESISTANT — "TR" mold mark provides quick visual confirmation of tamper resistance when installed.

WR WEATHER RESISTANT — "WR" identifier quickly indicates during inspections that a weather resistant receptacle has been installed.

TWR TAMPER & WEATHER RESISTANT — Both the "TR" mold mark and "WR" identifier are clearly visible in the finished installation, indicating double-layer protection for maximum safety.

A) Commercial locations 2014 NEC
406.12 (B) guest rooms & guest suites
406.12 (C) child care facilities
517.18 (C) pediatric locations

Receptacles located in these areas shall be listed under tamper resistant or employ a listed tamper resistant cover.

B) Dwelling units
2014 NEC - 406.12 (A)

In all areas specified in 210.52 all 125-volt, 15- and 20-amp receptacles shall be listed tamper resistant receptacles.

C) Damp or wet locations
2014 NEC - 406.9

All 15- and 20-amp, 125- and 250-volt non-locking receptacles installed in wet or damp locations shall be weather resistant receptacles.

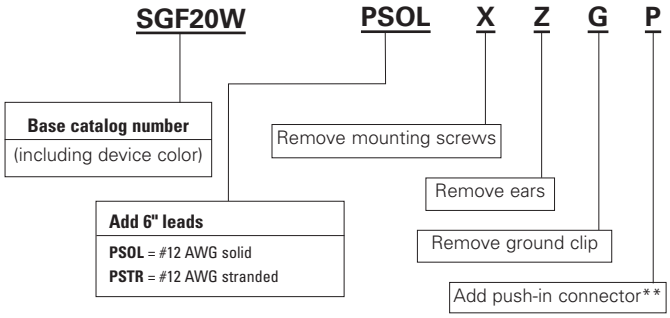
Build-to-spec

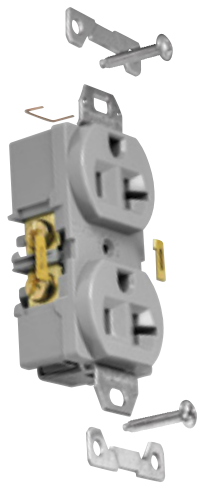
For receptacles, switches, GFCIs & SPD devices

Modified at the factory to improve efficiency and speed production at the job site. Arrow Hart's build-to-spec program provides customized device solutions to simplify your project and maximize your bottom line.

Build-to-spec sample number:
SGF20W

Note:
Arrow Hart 20A 125V NEMA 5-20 white GFCI receptacle, with wire leads and push-in connectors, without mounting screws, ears, or grounding clip.





BUILD-TO-SPEC
CUSTOM CONFIGURED DEVICES

**For use with leaded devices only. Add "PSOL" to back of device catalog number for 6" of #12 AWG solid or "PSTR" for 6" of #12 AWG stranded. (Example: 8300BLSPSOL + build to spec options).

All devices are bulk packed 50 pieces per carton. Minimum order quantity is 100 pieces. Orders under 500 pieces ship within 5 days with larger quantities typically within 10 days.

Compliances, specifications and availability are subject to change without notice.

ArrowLink modular connectors

ArrowLink

Arrow Hart's factory terminated ArrowLink system revolutionizes device installation, unleashing ground breaking labor savings in installation and maintenance by eliminating traditional pigtailing, terminal connections and taping. Use ArrowLink on your next job to reduce labor costs, eliminate installation errors, save money and win!

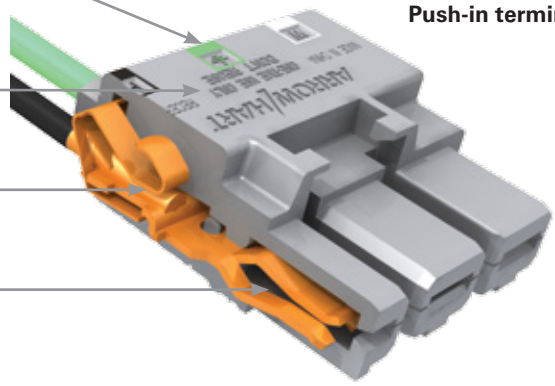
Features & benefits

Color coded terminals for consistent, reliable connections

Durable polycarbonate housing

Terminal accommodation #12 - #14 AWG, solid only

Copper alloy contacts for superior wire retention and minimized heat rise



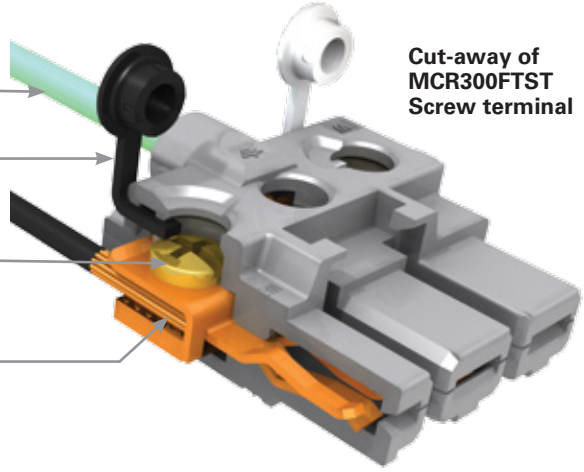
Cut-away of MCR300FTPI Push-in terminal

6", #12 AWG ground lead with ring terminal and captive ground screw

Color coded terminal screws guard caps

Color coded terminal screws

Terminal accommodation #12 - #14 AWG, solid or stranded



Cut-away of MCR300FTST Screw terminal

How to order

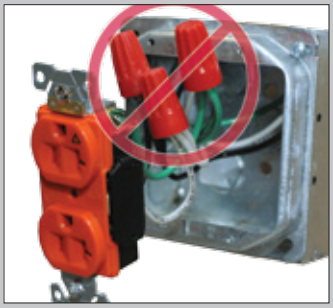
1. Select a device to ArrowLink enable. Catalog pages identify available products-simply add an "M" to the catalog number and the devices will be factory enabled with the ArrowLink device-side connection. (For GFCIs add "MOD" suffix)

2. Choose from leaded or unleaded ArrowLink connector versions in screw-down or push-in models.

3. Place your order and get your ArrowLink devices in bulk packed boxes, shipped within 5 days of receipt of order!

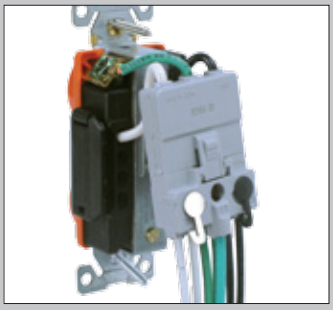
Compliances, specifications and availability are subject to change without notice.

ArrowLink SPD benefits



Ease of installation:
No more twist-on wire connectors

50% Time savings:
SPD accelerates both rough-in & trim out installation

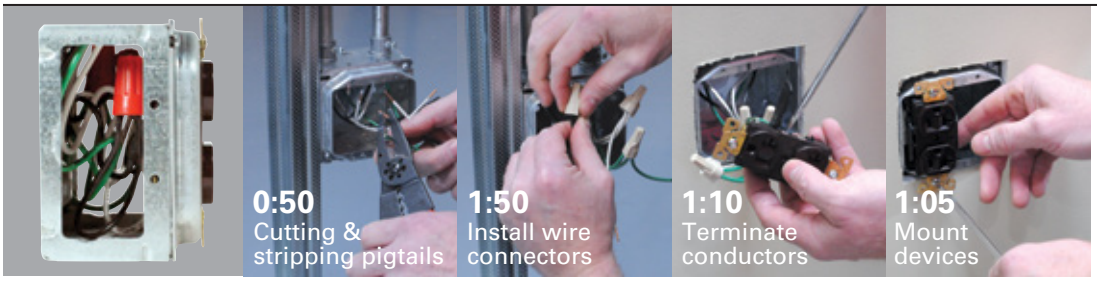


Efficient design:
Low profile connection with feed-through capability

30% Reduction
in wire volume inside the box

ArrowLink SPD comparative labor savings analysis

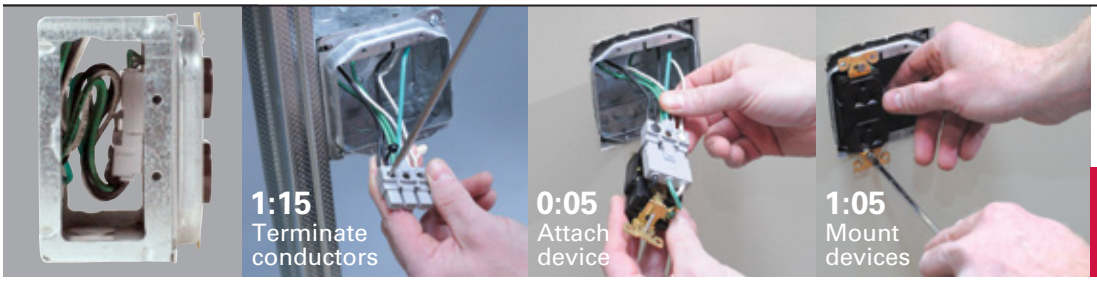
Traditional pigtail installation



4:55/Receptacle

Total time required to install 500 pigtail devices:
40.97 Hours

ArrowLink SPD installation



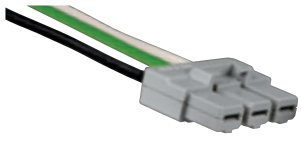
2:25/Receptacle

Total time required to install 500 ArrowLink SPD devices:
20.13 Hours

Time saved with SPD
20.84 Hours

Leaded ArrowLink receptacle connectors

Device type	Description	Catalog no.
Receptacle	Solid wire leads – 125V	☐ MCR125SOL
	Stranded wire leads – 125V	☐ MCR125STR
	Solid wire leads – 250V	☐ MCR250SOL
	Stranded wire leads – 250V	☐ MCR250STR



MCR125STR
Leaded ArrowLink connector

ArrowLink SPD receptacle connectors

Device type	Description	Catalog no.
Receptacle	Screw terminal	☐ MCR300FTST
	Screw terminal, no ground conductor	☐ MCR300FTSTNG
	Push-in	☐ MCR300FTPI
	Push-in, no ground conductor	☐ MCR300FTPING

MCR300FTST
Screw terminal

MCR300FTPI
Push-in terminal

ArrowLink accessories

Device type	Description	Catalog no.
Circuit tester	Tests receptacle & ArrowLink connectors	☐ ALTESTER

ALTESTER
Circuit tester

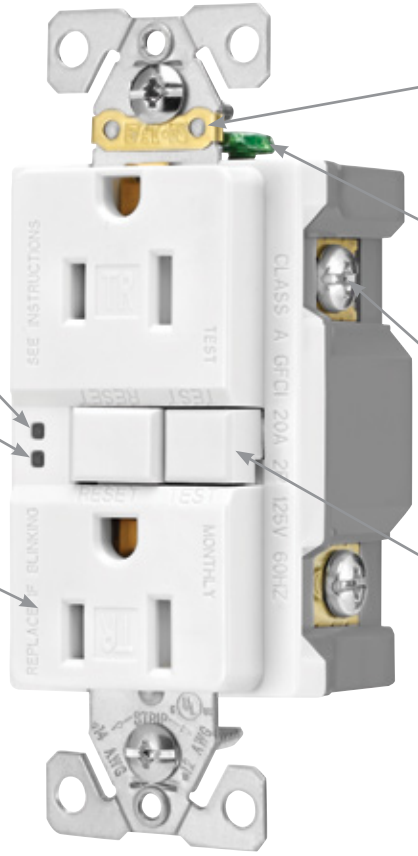
Compliances, specifications and availability are subject to change without notice.

Specification grade GFCIs

GFCIs provide state-of-the-art, dependable electrical shock protection

In addition to being tested to the highest standards to help ensure safety, Arrow Hart GFCIs will deny power and prevent re-setting if the device is no longer able to provide safe, protected power

Ground fault circuit interrupter features & benefits



Additional features & benefits

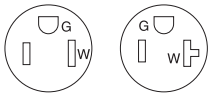
- Meets and exceeds 10 kA short circuit testing and underwriters laboratories (UL) 2006 UL943 safety standards
- Performs periodic self tests to ensure integrity of GFCI protection if no ground-fault protection is detected, the device will trip, will not reset and the status indicator light will glow amber
- Tapered back wire openings handle multiple wire sizes and types for applications up to #10 AWG solid or stranded wire
- When downstream receptacles are wired from load side, a 20 amp feed-through rating offers full protection
- Test and reset buttons are color matched to provide superior aesthetics
- Longer, wider "bridge" strap provides 40% more contact area with wallboard, virtually eliminating floating installations
- Exclusive built-in wire stripper provides fast stripping of wire without tools
- Line-load miswiring protection: GFCIs will not provide power downstream when wired incorrectly
- Tri-combo head terminal and mounting screws

Compliances, specifications and availability are subject to change without notice.

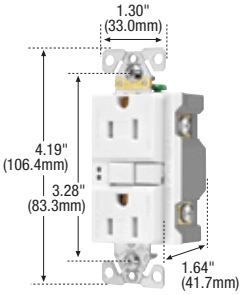
Specification grade tamper resistant ground fault circuit interrupter receptacles

Product description

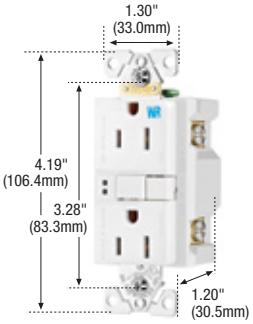
2-pole, 3-wire grounding
15A, 125V/AC; 20A, 125V/AC,
NEMA 5-15, 5-20



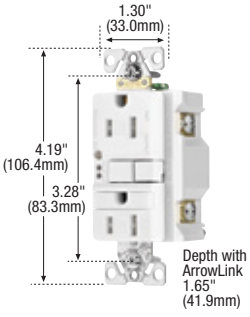
5-15R 5-20R



TRSGF15W



WRSGF15



TRSGFNL15

Tamper resistant specification grade GFCIs

Rating A	V/AC	NEMA	Description	Color suffix	Catalog no.			
15	125	5-15R	Duplex GFCI, back & side wire	A, B, BK, GY, LA, V, W	☐ TRSGF15__	•		
			Duplex GFCI, mid-size wallplate, back & side wire	A, LA, V, W	☐ TRSGF15__-M			
			Duplex GFCI, back & side wire	B, BK, GY, LA, RD, V, W	☐ TRSGF15F__	•	•	•
			Duplex GFCI with nightlight, back & side wire	A, BK, LA, V, W	☐ TRSGFNL15__	•		
20	125	5-20R	Duplex GFCI, back & side wire	A, B, BK, GY, LA, RD, V, W	☐ TRSGF20__	•		
			Duplex GFCI, back & side wire	B, BK, GY, LA, RD, V, W	☐ TRSGF20F__	•	•	•
			Duplex GFCI with nightlight, back & side wire	A, BK, LA, V, W	☐ TRSGFNL20__	•		

Weather resistant specification grade GFCIs

Rating A	V/AC	NEMA	Description	Color suffix	Catalog no.			
15	125	5-15R	Duplex GFCI, back & side wire	B, GY, V, W	☐ WRSGF15__	•		
			Duplex GFCI, back & side wire	B, GY, V, W	☐ WRSGF15F__	•	•	•
20	125	5-20R	Duplex GFCI, back & side wire	B, BK, GY, V, W	☐ WRSGF20__	•		
			Duplex GFCI, back & side wire	B, GY, V, W	☐ WRSGF20F__	•	•	•

Tamper & weather resistant specification grade GFCIs

Rating A	V/AC	NEMA	Description	Color suffix	Catalog no.			
15	125	5-15R	Duplex GFCI, back & side wire	B, GY, LA, V, W	☐ TWRSGF15__	•		
			Duplex GFCI, back & side wire	B, GY, LA, V, W	☐ TWRSGF15F__	•	•	•
20	125	5-20R	Duplex GFCI, back & side wire	B, GY, LA, V, W	☐ TWRSGF20__	•		
			Duplex GFCI, back & side wire	B, GY, LA, V, W	☐ TWRSGF20F__	•	•	•

Includes standard size unbreakable wallplate unless otherwise noted
Consult factory customer service representative for additional packaging options

Color ordering information:

For ordering devices, include Catalog no. followed by the Color suffix: A (Almond), B (Brown), BK (Black), GY (Gray), LA (Light Almond), RD (Red), V (Ivory), W (White)

A	B	BK	GY	LA	RD	V	W
(Almond)	(Brown)	(Black)	(Gray)	(Lt. Almond)	(Red)	(Ivory)	(White)

Specification information: Specification grade GFCI: H-16, H17
Compliances, specifications and availability are subject to change without notice.

ArrowLink option available. Add "MOD" suffix to standard catalog number (example SGF15W, SGF15WMOD). For ordering information on ArrowLink & ArrowLink SPD connectors

Indicates NAFTA compliant - Page Q-32

RoHS compliant - Page Q-32

TR Tamper resistant

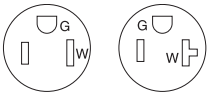
WR Weather resistant

TWR Tamper & weather resistant

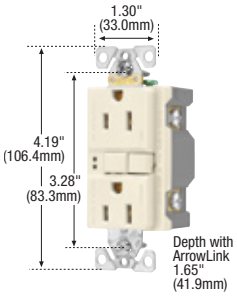
Specification grade ground fault circuit interrupter receptacles

Product description

2-pole, 3-wire grounding
15A, 125V/AC; 20A, 125V/AC
NEMA 5-15, 5-20



5-15R **5-20R**

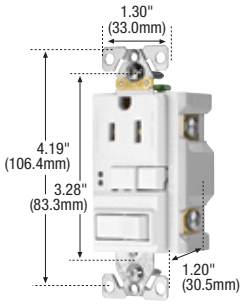


SGF15

Specification grade GFCIs

Rating A	V/AC	NEMA	Description	Color suffix	Catalog no.			
15	125	5-15R	Duplex GFCI, back & side wire	A, B, BK, GY, LA, V, W	☐ SGF15__	•		
			Duplex GFCI, mid-size wallplate, back & side wire	A, LA, V, W	☐ SGF15__-M			
			Duplex GFCI, back & side wire	B, BK, GY, LA, RD, V, W	☐ SGF15F__	•	•	•
20	125	5-20R	Duplex GFCI, back & side wire	A, B, BK, GY, LA, RD, V, W	☐ SGF20__	•		
			Duplex GFCI, back & side wire	B, BK, GY, LA, RD, V, W	☐ SGF20F__	•	•	•

Includes standard size unbreakable wallplate unless otherwise noted
Consult factory customer service representative for additional packaging options



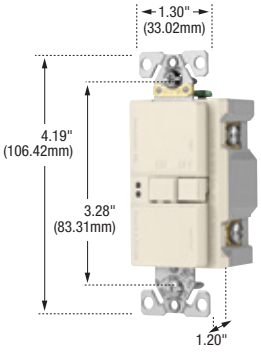
SGFS15

Specification grade combination GFCI receptacle & switch

Rating A	V/AC	NEMA	Description	Color suffix	Catalog no.
15	125	5-15R	GFCI receptacle with feed-through single-pole switch (rated 1800W @ 120V/AC, 60Hz)	A,LA,V, W	☐ SGFS15__-MSP

Specification grade blank face GFCI

Rating A	V/AC	Description	Color suffix	Catalog no.
20	125	Blank face (dead front) GFCI, rated as 1.5HP motor control switch, back & side wire	A, BK, LA, V, W	☐ SGFD20__



SGFD20

Accessories for GFCIs

Description	Color suffix	Catalog no.		
GFCI 7/8" extension ring, cULus Listed	BLK, LA, V, W	☐ GFER__		•
Metal self-closing horizontal 1-Gang weather protective cover, decorator opening		☐ S1966	•	•
While-in-use metal weather protective standard depth 1-Gang cover, vertical mount		☐ WIUMV-1	•	•

GFER

S1966

WIUMV-1

WIUMH-1

Color ordering information:

For ordering devices, include Catalog no. followed by the Color suffix: A (Almond), B (Brown), BK (Black), GY (Gray), LA (Light Almond), RD (Red), V (Ivory), W (White)

A	B	BK/BLK	GY	LA	RD	V	W
(Almond)	(Brown)	(Black)	(Gray)	(Lt. Almond)	(Red)	(Ivory)	(White)

Specification information: Specification grade GFCI: H-18
Compliances, specifications and availability are subject to change without notice.

ArrowLink option available. Add "MOD" suffix to standard catalog number (example SGF15W, SGF15WMOD). For ordering information on ArrowLink & ArrowLink SPD connectors, see Page H-4

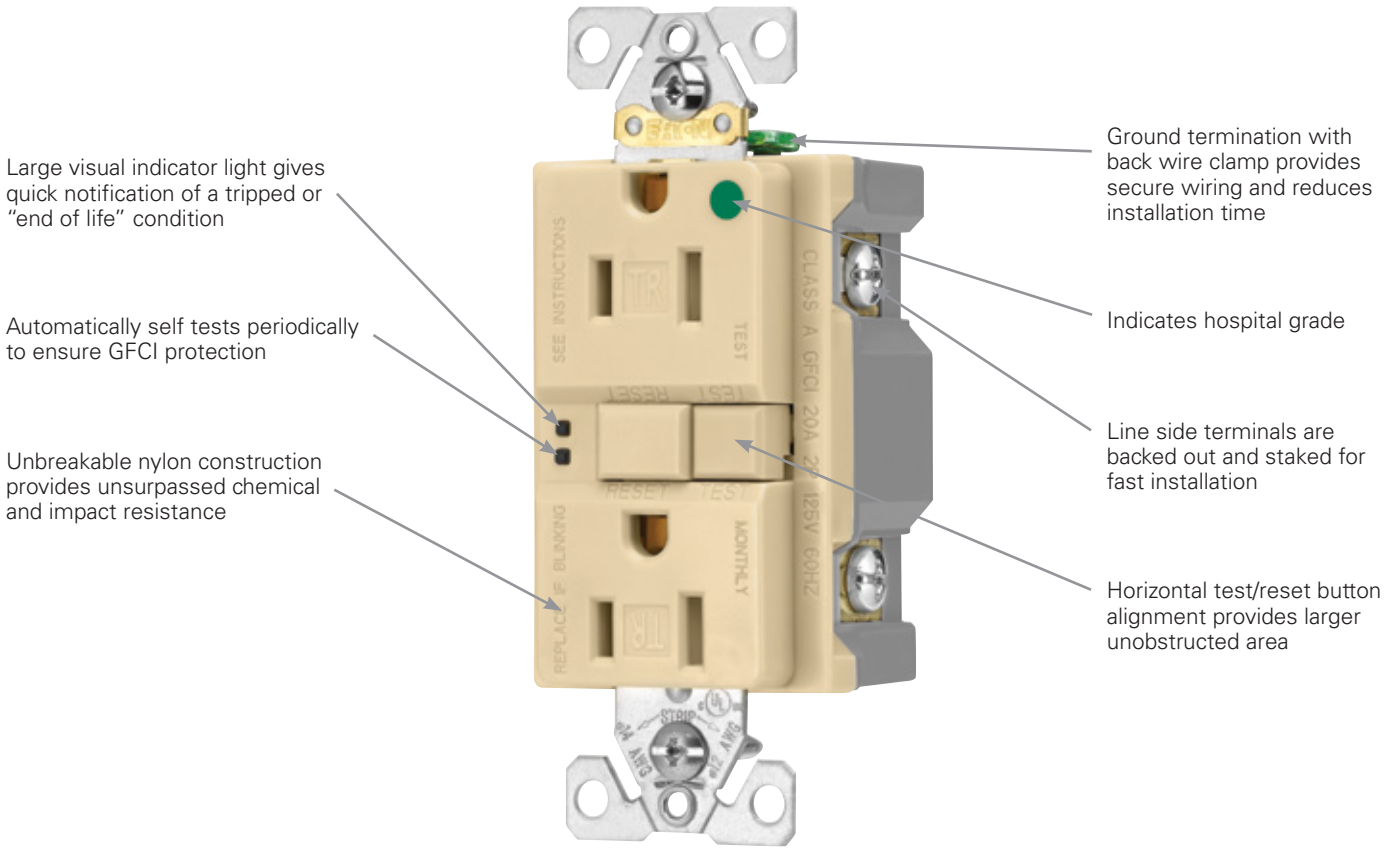
RoHS compliant - Page Q-32

Hospital grade GFCIs

Hospital grade protection devices

Arrow Hart's line of hospital grade GFCIs provide protection for both people and sensitive equipment

Ground fault circuit interrupter features & benefits



Additional features & benefits

- Meets and exceeds 10 kA short circuit testing and underwriters laboratories (UL) 2006 UL943 safety standards
- Performs periodic self tests to ensure integrity of GFCI protection if no ground-fault protection is detected, the device will trip, will not reset and the status indicator light will glow amber
- Tapered back wire openings handle multiple wire sizes and types for applications up to #10 AWG solid or stranded wire
- When downstream receptacles are wired from load side, a 20 amp feed-through rating offers full protection
- Test and reset buttons are color matched to provide superior aesthetics
- Longer, wider "bridge" strap provides 40% more contact area with wallboard, virtually eliminating floating installations
- Exclusive built-in wire stripper provides fast stripping of wire without tools
- Line-load miswiring protection: GFCIs will not provide power downstream when wired incorrectly
- Tri-combo head terminal and mounting screws

Compliances, specifications and availability are subject to change without notice.

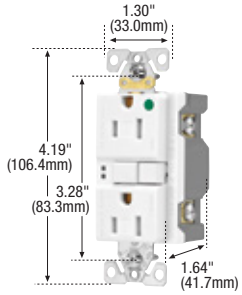
Hospital grade ground fault circuit interrupter receptacles

Product description

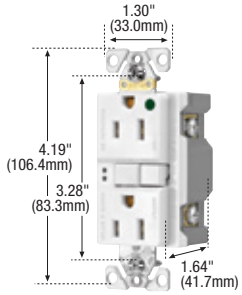
2-pole, 3-wire grounding
15A, 125V/AC; 20A, 125V/AC
NEMA 5-15, 5-20

5-15R

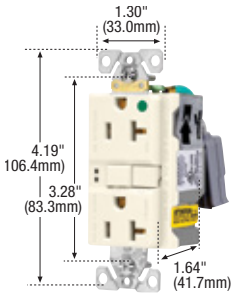
5-20R



TRSGFH15



SGFH15



SGFH20_MOD

Tamper resistant hospital grade GFCIs

Rating A	V/AC	NEMA	Description	Color suffix	Catalog no.	
15	125	5-15R	Hospital GFCI, back & side wire	B, BK, GY, LA, RD, V, W	☐ TRSGFH15__	•
			Hospital GFCI, back & side wire	B, GY, LA, RD, V, W	☐ TRSGFH15F__	• • •
20	125	5-20R	Hospital GFCI, back & side wire	B, BK, GY, LA, RD, V, W	☐ TRSGFH20__	•
			Hospital GFCI, back & side wire	B, GY, LA, RD, V, W	☐ TRSGFH20F__	• • •

Includes standard size unbreakable wallplate

Hospital grade GFCIs

Rating A	V/AC	NEMA	Description	Color suffix	Catalog no.	
15	125	5-15R	Hospital GFCI, back & side wire	B, GY, LA, RD, V, W	☐ SGFH15__	•
			Hospital GFCI, back & side wire	B, GY, LA, RD, V, W	☐ SGFH15F__	• • •
20	125	5-20R	Hospital GFCI, back & side wire	B, GY, LA, RD, V, W	☐ SGFH20__	•
			Hospital GFCI, back & side wire	B, GY, LA, RD, V, W	☐ SGFH20F__	• • •

Includes standard size unbreakable wallplate

Color ordering information:

For ordering devices, include Catalog no. followed by the Color suffix: B (Brown), BK (Black), GY (Gray), LA (Light Almond), RD (Red), V (Ivory), W (White)

B	BK	GY	LA	RD	V	W
(Brown)	(Black)	(Gray)	(Lt. Almond)	(Red)	(Ivory)	(White)

Specification information: Specification grade GFCI: H-19
Compliances, specifications and availability are subject to change without notice.

ArrowLink option available. Add "MOD" suffix to standard catalog number (example SGF15W, SGF15WMOD). For ordering information on ArrowLink & ArrowLink SPD connectors, see Page H-4

Indicates NAFTA compliant - Page Q-32

RoHS compliant - Page Q-32

Tamper resistant

Industrial grade portable GFCIs

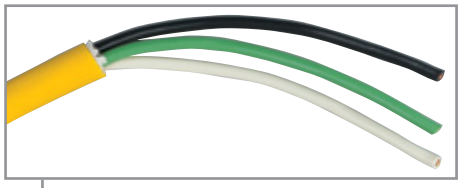
Reliable GFCI protection in remote applications

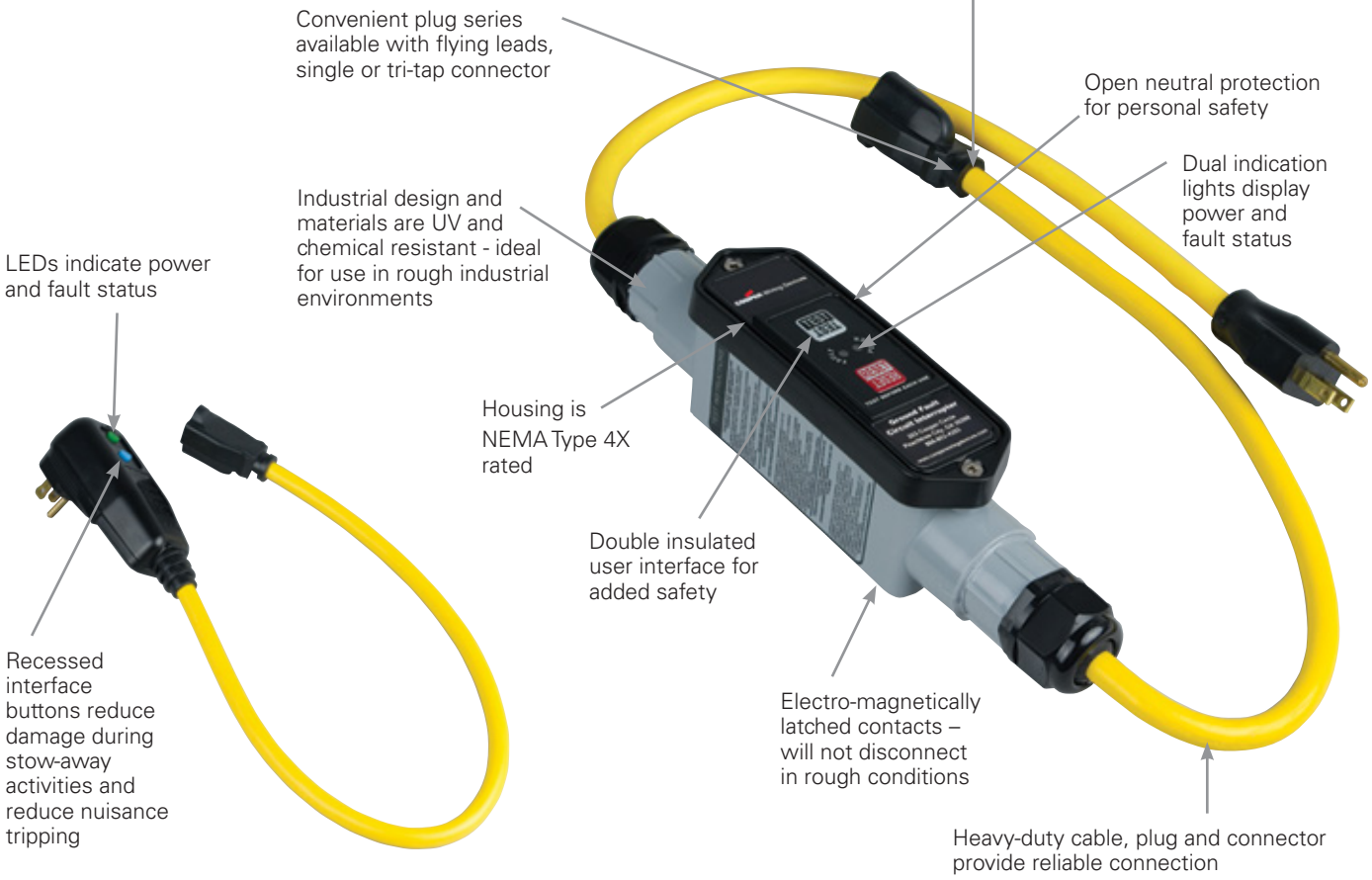
Arrow Hart's portable GFCIs give you the assurance that comes from knowing you are protected from ground fault hazards while on the job site

Features & benefits

Portable GFCIs offer exceptional protection against electrical shock when connected to power generators, agricultural equipment, portable electric heaters, submersible pumps, industrial washers, outdoor signs and vending equipment.

Available in a variety of cord lengths, with terminated devices or flying leads for field terminations





Related products

A full line of locking plugs and connectors, watertight devices, plus straight blade plugs & connectors provide many configuration options.

Severe duty devices

Watertight plugs & connectors

Straight blade plugs & connectors

Compliances, specifications and availability are subject to change without notice.

Industrial grade 15A portable GFCIs

Product description

2-pole, 3-wire grounding
15A, 120V/AC

GFP11M1P3

GFP400

GFI11M133

GFP100-B

15A portable GFCIs, plug series

A	Rating V/AC	NEMA	NEMA Type	Connector style	Cord length	Cord gauge	Catalog no.*	
15	120	5-15R	3R	Single-tap	2' (0.61m)	12/3 AWG	☐ GFP11M1P3	•
				Tri-tap	2' (0.61m)	12/3 AWG	☐ GFP11M1P9	•
				Single-tap	25' (7.62m)	12/3 AWG	☐ GFP11M4P3	•
				Tri-tap	25' (7.62m)	12/3 AWG	☐ GFP11M4P9	•
				Flying leads - field wireable	2' (0.61m)	12/3 AWG	☐ GFP11MNP†	•

† Only cRUus Listed
*Automatic reset GFCIs are also available. When ordering automatic portable GFCIs replace "M" in catalog number with "A"
Example: GFP11A1P3 = Automatic; GFP11M1P3 = Manual

Single receptacle, plug series

A	Rating V/AC	NEMA	Description	Catalog no.
15	120	5-15R	Single outlet adapter - single receptacle	☐ GFP400

15A portable GFCIs, inline series

A	Rating V/AC	NEMA	NEMA Type	Connector style	Cord length	Cord gauge	Catalog no.*	
15	120	5-15R	3R	Single-tap	2' (0.61m)	12/3 AWG	☐ GFI11M133	•
				Tri-tap	2' (0.61m)	12/3 AWG	☐ GFI11M139	•
				Single-tap	6' (1.83 m)	12/3 AWG	☐ GFI11M233	•
				Tri-tap	6' (1.83 m)	12/3 AWG	☐ GFI11M239	•
				Single-tap	25' (7.62m)	12/3 AWG	☐ GFI11M433	•
				Tri-tap	25' (7.62m)	12/3 AWG	☐ GFI11M439	•
				Single-tap	50' (15.24m)	12/3 AWG	☐ GFI11M633	•
				Tri-tap	50' (15.24m)	12/3 AWG	☐ GFI11M639	•

*Automatic reset GFCIs are also available. When ordering automatic portable GFCIs replace "M" in catalog number with "A"
Example: GFI11A133 = Automatic; GFI11M133 = Manual

15A Portable GFCIs, inline series, field wireable

A	Rating V/AC	NEMA	NEMA Type	Connector style	Cord length	Cord gauge	Catalog no.*	
15	120	5-15R	3R	--	1' (0.3m)	12/3 AWG	☐ GFI11MN3	•
			--	--	--	12-18 AWG	☐ GFP100-B**	

*Automatic reset GFCIs are also available. When ordering automatic portable GFCIs replace "M" in catalog number with "A"
Example: GFI11AN3 = Automatic; GFI11MN3 = Manual
** Only UL Listed and CSA certified

Accessories for 15A portable GFCIs

Description	Catalog no.		
15A 125V/AC NEMA 5-15, duplex straight blade receptacle - black	☐ BR15BK	•	•
Standard depth, portable outlet box with cover plates	☐ WD3059-DDN	•	•

BR15BK

WD3059-DDN

Specification information: Specification grade 15A portable GFCIs: H-20, GFP400 & GFP100-B: H-21
Compliances, specifications and availability are subject to change without notice.

Indicates NAFTA compliant - Page Q-32
RoHS compliant - Page Q-32

Industrial grade 20A portable GFCIs

Product description

2-pole, 3-wire grounding
20A, 120V/AC; 20A, 240V/AC

GFI12M1NN

GFI12M133

20A portable GFCIs, inline series

A	Rating V/AC	NEMA	NEMA Type	Connector style	Cord length	Cord gauge	Catalog no.*
20	120	N/A	4X	Flying leads - field wireable	2' (0.61m)	12/3 AWG	☐ GFI12M1NN
				Flying leads - field wireable	6' (1.83m)	12/3 AWG	☐ GFI12M2NN
				Flying leads - field wireable	25' (7.62m)	12/3 AWG	☐ GFI12M4NN
				Flying leads - field wireable	50' (15.24m)	12/3 AWG	☐ GFI12M6NN
20	240	N/A	4X	Flying leads - field wireable	2' (0.61m)	12/3 AWG	☐ GFI22M1NN
				Flying leads - field wireable	6' (1.83m)	12/3 AWG	☐ GFI22M2NN
				Flying leads - field wireable	25' (7.62m)	12/3 AWG	☐ GFI22M4NN
				Flying leads - field wireable	50' (15.24m)	12/3 AWG	☐ GFI22M6NN

*Automatic reset GFCIs are also available. When ordering automatic portable GFCIs replace "M" in catalog number with "A". Example: GFI12A1NN = Automatic; GFI12M1NN = Manual

Inline series - molded plug & connector

A	Rating V/AC	NEMA	NEMA Type	Connector style	Cord length	Cord gauge	Catalog no.
20	120	5-20	4X	Molded straight blade	2' (0.61m)	12/3 AWG	☐ GFI12M133
		L5-20	4X	Molded locking	2' (0.61m)	12/3 AWG	☐ GFI12M144
20	240	L6-20	4X	Molded locking	2' (0.61m)	12/3 AWG	☐ GFI22M144

*Automatic reset GFCIs are also available.When ordering automatic portable GFCIs replace "M" in catalog number with "A". Example: GFI12A133 = Automatic; GFI12M133 = Manual

Accessories for 20A portable GFCIs

Description	Catalog no.		
20A 125V/AC NEMA 5-20 watertight plug	☐ 14W33	•	•
20A 125V/AC NEMA 5-20 watertight connector	☐ 15W33	•	•
Standard depth portable outlet box with flip lids	☐ WD3059-DDN	•	•
20A 125V/AC NEMA 5-20 duplex straight blade receptacle - black	☐ BR20BK	•	•
20A 125V/AC NEMA L5-20 industrial receptacle	☐ AHL520R	•	•
20A 125V/AC NEMA 5-20 duplex straight blade corrosion resistant receptacle - yellow	☐ AH5362CRY	•	•

14W33

15W33

WD3059-DDN

BR20BK

AHL520R

AH5362CRY

Specification information: Specification grade 20A portable GFCIs: H-18
Compliances, specifications and availability are subject to change without notice

Indicates NAFTA compliant - Page Q-32

RoHS compliant - Page Q-32

Industrial grade portable GFCIs

Industrial grade 30A portable GFCIs

Product description

2-pole, 3-wire grounding
30A, 120V/AC; 30A, 208V/AC
30A, 240V/AC; 30A, 277V/AC

GFI13M1NN

GFI13M144

30A portable GFCIs, inline series, single phase

A	Rating V/AC	NEMA	NEMA Type	Connector style	Cord length	Cord gauge	Catalog no.*
30	120	N/A	4X	Flying leads - field wireable	2' (0.61m)	10/3 AWG	☐ GFI13M1NN
				Flying leads - field wireable	6' (1.83m)	10/3 AWG	☐ GFI13M2NN
				Flying leads - field wireable	25' (7.62m)	10/3 AWG	☐ GFI13M4NN
				Flying leads - field wireable	50' (15.24m)	10/3 AWG	☐ GFI13M6NN
				Flying leads - field wireable	100' (30.48m)	10/3 AWG	☐ GFI13M7NN
30	208	N/A	4X	Flying leads - field wireable	2' (0.61m)	10/3 AWG	☐ GFI93M1NN
30	240	N/A	4X	Flying leads - field wireable	2' (0.61m)	10/3 AWG	☐ GFI23M1NN
				Flying leads - field wireable	6' (1.83m)	10/3 AWG	☐ GFI23M2NN
				Flying leads - field wireable	25' (7.62m)	10/3 AWG	☐ GFI23M4NN
				Flying leads - field wireable	50' (15.24m)	10/3 AWG	☐ GFI23M6NN
				Flying leads - field wireable	100' (30.48m)	10/3 AWG	☐ GFI23M7NN
30	277	N/A	4X	Flying leads - field wireable	2' (0.61m)	10/3 AWG	☐ GFID3M1NN

*Automatic reset GFCIs are also available. When ordering automatic portable GFCIs replace "M" in catalog number with "A"
Example: GFI13A1NN = Automatic; GFI13M1NN = Manual

Inline series - molded locking plug & connector

A	Rating V/AC	NEMA	NEMA Type	Connector style	Cord length	Cord gauge	Catalog no.
30	120	L5-30	4X	Molded locking	2' (0.61m)	10/3 AWG	☐ GFI13M144
30	240	L6-30	4X	Molded locking	2' (0.61m)	10/3 AWG	☐ GFI23M144

*Automatic reset GFCIs are also available. When ordering automatic Portable GFCIs replace "M" in catalog number with "A"
Example: GFI13A144 = Automatic; GFI13M144 = Manual

Accessories for 30A portable GFCIs

Description	Catalog no.		
30A 125V/AC NEMA L5-30 locking plug	☐ AHL530P	•	•
30A 125V/AC NEMA L5-30 locking connector	☐ AHL530C	•	•
30A 125V/AC NEMA L5-30 severe-duty locking plug	☐ L530PY	•	•
30A 125V/AC NEMA L5-30 severe-duty locking connector	☐ L530CY	•	•

AHL530P

AHL530C

L530PY

L530CY

Specification information: Specification grade 30A portable GFCIs: H-20
Compliances, specifications and availability are subject to change without notice.

Indicates NAFTA compliant - Page Q-32

RoHS compliant - Page Q-32

Watertight portable GFCIs

Product description

2-pole, 3-wire grounding
15A, 120V/AC; 20A, 120V/AC; 20A, 240V/AC
30A, 120V/AC; 30A, 240V/AC

GFI12M155

Watertight portable GFCIs, inline series, watertight plug & connector ends

A	Rating V/AC	NEMA	NEMA Type	Connector style	Cord length	Cord gauge	Catalog no.*	
15	120	5-15	3R	Straight blade	2' (0.61m)	12/3 AWG	☐ GFI11M155	•
				Straight blade	6' (1.83m)	12/3 AWG	☐ GFI11M255	•
				Straight blade	25' (7.62m)	12/3 AWG	☐ GFI11M455	•
				Straight blade	50' (15.24m)	12/3 AWG	☐ GFI11M655	•
20	120	5-20	4X	Straight blade	2' (0.61m)	12/3 AWG	☐ GFI12M155	
				Straight blade	6' (1.83m)	12/3 AWG	☐ GFI12M255	
				Straight blade	25' (7.62m)	12/3 AWG	☐ GFI12M455	
		L5-20	4X	Locking	2' (0.61m)	12/3 AWG	☐ GFI12M166	
				Locking	6' (1.83m)	12/3 AWG	☐ GFI12M266	
				Locking	25' (7.62m)	12/3 AWG	☐ GFI12M466	
20	240	L6-20	4X	Locking	2' (0.61m)	12/3 AWG	☐ GFI22M166	
				Locking	6' (1.83m)	12/3 AWG	☐ GFI22M266	
				Locking	25' (7.62m)	12/3 AWG	☐ GFI22M466	
30	120	L5-30	4X	Locking	2' (0.61m)	12/3 AWG	☐ GFI13M166	
				Locking	6' (1.83m)	12/3 AWG	☐ GFI13M266	
				Locking	25' (7.62m)	12/3 AWG	☐ GFI13M466	
30	240	L6-30	4X	Locking	2' (0.61m)	12/3 AWG	☐ GFI23M166	
				Locking	6' (1.83m)	12/3 AWG	☐ GFI23M266	
				Locking	25' (7.62m)	12/3 AWG	☐ GFI23M466	

*Automatic reset GFCIs are also available. When ordering automatic portable GFCIs replace "M" in catalog number with "A". Example: GFI12A155 = Automatic; GFI12M155 = Manual

Receptacles & accessories for watertight portable GFCIs

Description	Catalog no.		
20A 125V/AC NEMA 5-20 watertight single straight blade receptacle	☐ 60W33	•	•
20A 125V/AC NEMA 5-20 watertight duplex straight blade receptacle	☐ 60W33DPLX	•	•
20A 125V/AC NEMA L5-20 watertight locking receptacle	☐ L520RW	•	•
30A 125V/AC NEMA L5-30 watertight locking receptacle	☐ L530RW	•	•
20A plug closure cap	☐ 20PW	•	•
20A connector closure cap	☐ 20CW	•	•

60W33

60W33DPLX

L520RW

L530RW

20PW

20CW

Specification information: Specification grade 15A watertight portable GFCIs: H-20, 20A watertight portable GFCIs: H-20, 30A watertight portable GFCIs: H-20
Compliances, specifications and availability are subject to change without notice.

Indicates NAFTA compliant - Page Q-32

RoHS compliant - Page Q-32

Specification grade GFCIs specification & performance data

Specification grade ground fault circuit interrupter receptacles

Product description

2-pole, 3-wire grounding
15A, 125V/AC; 20A, 125V/AC
NEMA 5-15, 5-20

Device type	Specification grade tamper resistant & weather resistant duplex GFCI 15A & 20A: TRSGF, TRSGF__F, WRSGF, TWRSGF series
Wiring type	Back & side wire
Testing & code compliance	• cULus Listed to UL498 and UL943, file no. E60120 • Meets all UL943 (GFCI), UL498 (receptacles) and applicable CSA requirements • NOM certified
Environmental specifications	**Flammability:** Meets UL94 requirements; V2 rated **Temperature rating:** -35°C to 66°C (-31°F to 150.8°F)
Electrical specifications	**Dielectric voltage:** Withstands 2000V per UL498 **Current interrupting:** Yes, at full-rated current **Temperature rise:** max. 30°C (86°F) after 100 cycles of overload @ 150% of rated current (DC) **Trip time:** 0.025 seconds (Class A) **Frequency:** 60 Hz; Voltage: 125V; Amperage: 15A/20A 20A feed through **Short circuit testing:** Meets and exceeds 10 kA **Maximum interrupting capacity:** 20 Amps
Mechanical specifications	**Terminal accommodation:** #14 - #10 AWG **Voltage ratings:** Permanently marked on device
Materials	**Top housing:** Polypropylene (Spec grade tamper resistant); Nylon (Dead front, hospital grade, weather resistant, tamper & weather resistant) **Bottom housing:** PVC **Strap:** 0.040" thick steel, zinc plated; WR & TWR: nickel plated **Line contacts:** 0.030" thick brass **Terminal & ground screws:** Terminal: brass/nickel plated steel; WR & TWR brass/nickel plated stainless steel; Ground: ground screw green on all models, WR and TWR stainless steel **Terminal clamps:** Brass-plated steel; WR & TWR nickel plated steel

Device type	Specification grade GFCI 15A & 20A: SGF and SGF__F series
Wiring type	Back & side wire
Testing & code compliance	• cULus Listed to UL498 and UL943, file no. E60120 • Meets all UL943 (GFCI), UL498 (receptacles) and applicable CSA requirements • NOM certified
Environmental specifications	**Flammability:** Meets UL94 requirements; V2 rated **Temperature rating:** -35°C to 66°C (-31°F to 150.8°F)
Electrical specifications	**Dielectric voltage:** Voltage: withstands 2000V per UL498 **Current interrupting:** Yes, at full-rated current **Temperature rise:** Max. 30°C (86°F) after 100 cycles of overload @ 150% of rated current (DC) **Trip time:** 0.025 seconds (Class A) **Frequency:** 60 Hz; Voltage: 125V; Amperage: 15A/20A 20A feed through **Short circuit testing:** Meets and exceeds 10 kA **Maximum interrupting capacity:** 20 Amps
Mechanical specifications	**Terminal accommodation:** #14 - #10 AWG **Voltage ratings:** Permanently marked on device
Materials	**Top housing:** Polypropylene (Spec grade tamper resistant); Nylon (Dead front, hospital grade, weather resistant, tamper & weather resistant) **Bottom housing:** PVC **Strap:** 0.040" thick steel, zinc plated **Line contacts:** 0.030" thick brass **Terminal & ground screws:** #8-32 steel, brass plated; neutral screw nickel plated, ground screw green **Terminal clamps:** 0.070" thick steel

Compliances, specifications and availability are subject to change without notice.

Specification grade ground fault circuit interrupters

Product description

2-pole, 3-wire grounding
15A, 125V/AC; 20A, 125V/AC
NEMA 5-15, 5-20

Device type	Specification grade GFCI w/ nightlight, TRSGFNL_
Wiring type	Back & side wire
Testing & code compliance	• cULus Listed to UL498 and UL943, file no. E60120 • Meets all UL943 (GFCI), UL498 (receptacles) and applicable CSA requirements
Environmental specifications	**Flammability:** Meets UL94 requirements; V2 rated **Temperature rating:** -35°C to 66°C (-31°F to 150.8°F)
Electrical specifications	**Dielectric voltage:** Voltage: withstands 2000V per UL498 **Current interrupting:** Yes, at full-rated current **Temperature rise:** Max. 30°C (86°F) after 100 cycles of overload @ 150% of rated current (DC) **Trip time:** 0.025 seconds (Class A) **Frequency:** 60 Hz; Voltage: 125V; Amperage: 15A/20A 20A feed through **Short circuit testing:** Meets and exceeds 10 kA **Maximum interrupting capacity:** 20 Amps
Mechanical specifications	**Base device terminal accommodation:** #14 - #10 AWG **Voltage ratings:** Permanently marked on device
Materials	**Top housing:** Polypropylene **Lens:** Thermoplastic, PC **Bottom housing:** Polycarbonate **Strap:** 0.047" thick steel, zinc plated **Line contacts:** 0.030" thick brass **Terminal & ground screws:** #8-32 steel, brass plated; neutral screw #8-32 steel, zinc plated, ground screw green **Illumination:** 4 LED's, 140 Max lumens output, 1Fc @ 0.9 ft. 50,000 hours lamp life

Compliances, specifications and availability are subject to change without notice.

Specification grade GFCIs specification & performance data

Specification grade ground fault circuit interrupters

Product description

2-pole, 3-wire grounding
Combo: 15A, 125V/AC receptacle: 15A, 120V/AC switch
Blank face: 20A, 125V/AC

Device type	Specification grade combination GFCI Receptacle & switch, 15A: SGFS15, ___-MSP	Specification grade blank face GFCI, 20A: SGFD20 series
Wiring type	Back & side wire	Back & side wire
Testing & code compliance	• cULus Listed to UL498 and UL943, file no. E60120 • Meets all UL943 (GFCI), UL498 (receptacles), UL20 (switch) and applicable CSA requirements • NOM certified	• cULus Listed to UL498 and UL943, file no. E60120 • Meets all UL943 (GFCI), UL498 (receptacles), UL508 (motor control) and applicable CSA requirements • NOM certified
Environmental specifications	**Flammability:** Meets UL94 requirements; V2 rated **Temperature rating:** -35°C to 66°C (-40°F to 150.8°F)	**Flammability:** Meets UL94 requirements; V2 rated **Temperature rating:** -35°C to 66°C (-40°F to 150.8°F)
Electrical specifications	**Dielectric voltage:** Withstands 2000V per UL498 **Current interrupting:** Yes, at full-rated current **Temperature rise:** Max. 30°C (86°F) after 100 cycles of overload @ 150% of rated current (DC) **Short circuit testing:** Meets and exceeds 10 kA	**Dielectric voltage:** Withstands 2000V per UL498 **Current interrupting:** Yes, at full-rated current **Temperature rise:** N/A **Short circuit testing:** Meets and exceeds 10 kA
Mechanical specifications	**Terminal accommodation:** #14 - #10 AWG **Voltage ratings:** Permanently marked on device **Horsepower ratings:** Switch rated for motor loads per UL20: 15A: @ 120V/AC = 1/2 HP, max. amps: 12 full-load amps	**Terminal accommodation:** #14 - #10 AWG **Voltage ratings:** Permanently marked on device **Horsepower ratings:** Rated for motor loads per UL508: 20A: @ 125V/AC = 1.5 HP, max. amps 20 full load amps
Materials	**Top housing:** Polypropylene **Bottom housing:** PVC **Strap:** 0.040" thick steel, zinc plated **Line contacts:** 0.030" thick brass **Terminal & ground screws:** #8-32 steel, brass plated; neutral screw nickel plated, ground screw green **Terminal clamps:** 0.070" thick steel	**Top housing:** Nylon **Bottom housing:** PVC **Strap:** 0.040" thick steel, zinc plated **Line contacts:** N/A **Terminal & ground screws:** #8-32 steel, brass plated; neutral screw nickel plated, ground screw green **Terminal clamps:** 0.070" thick steel

Compliances, specifications and availability are subject to change without notice.

Hospital specification grade ground fault circuit interrupter receptacles

Product description

2-pole, 3-wire grounding
15A, 125V/AC; 20A, 125V/AC
NEMA 5-15, 5-20

Device type	Hospital grade tamper resistant duplex GFCI 15A & 20A: TRSGFH and TRSGFH__F series	Hospital grade duplex GFCI 15A & 20A: SGFH series and SGFH__F
Wiring type	Back & side wire	Back & side wire
Testing & code compliance	• cULus Listed to UL498 and UL943, file no. E60120 • Meets all UL943 (GFCI), UL498 (Receptacles), UL498 Hospital grade and applicable CSA requirements • NOM certified	• cULus Listed to UL498 and UL943, file no. E60120 • Meets all UL943 (GFCI), UL498 (Receptacles), UL498 Hospital grade and applicable CSA requirements • NOM certified
Environmental specifications	**Flammability:** Meets UL94 requirements; V2 rated **Temperature rating:** -35°C to 66°C (-31°F to 150.8°F)	**Flammability:** Meets UL94 requirements; V2 rated **Temperature rating:** -35°C to 66°C (-31°F to 150.8°F)
Electrical specifications	**Dielectric voltage:** Withstands 2000V per UL498 **Current interrupting:** Yes, at full-rated current **Temperature rise:** Max. 30°C (86°F) after 100 cycles of overload @ 150% of rated current (DC) **Trip time:** 0.025 seconds (Class A) **Frequency:** 60 Hz; voltage: 125V; amperage: 15A/20A 20A feed through **Short circuit testing:** Meets and exceeds 10 kA **Maximum interrupting capacity:** 20 amps	**Dielectric voltage:** Withstands 2000V per UL498 **Current interrupting:** Yes, at full-rated current **Temperature rise:** Max. 30°C (86°F) after 100 cycles of overload @ 150% of rated current (DC) **Trip time:** 0.025 seconds (Class A) **Frequency:** 60 Hz; voltage: 125V; amperage: 15A/20A 20A feed through **Short circuit testing:** Meets and exceeds 10 kA **Maximum interrupting capacity:** 20 amps
Mechanical specifications	**Terminal accommodation:** #14 - #10 AWG **Voltage rating:** Permanently marked on device	**Terminal accommodation:** #14 - #10 AWG **Voltage rating:** Permanently marked on device
Materials	**Top housing:** Nylon **Bottom housing:** Polycarbonate **Strap:** 0.047" thick steel, zinc plated **Line contacts:** 0.030" thick brass **Terminal & ground screws:** #8-32 steel, brass plated; neutral screw nickel plated, ground screw green **Terminal clamps:** 0.070" thick steel	**Top housing:** Nylon **Bottom housing:** Polycarbonate **Strap:** 0.047" thick steel, zinc plated **Line contacts:** 0.030" thick brass **Terminal & ground screws:** #8-32 steel, brass plated; neutral screw nickel plated, ground screw green **Terminal clamps:** 0.070" thick steel

Compliances, specifications and availability are subject to change without notice.

Industrial grade portable GFCIs specification & performance data

Industrial grade portable GFCIs

Product description

2-pole, 3-wire grounding
15A, 120V/AC
20A, 120V/AC; 20A, 208V/AC; 20A, 240V/AC; 20A, 277V/AC
30A, 120V/AC; 30A, 208V/AC; 30A, 240V/AC; 30A, 277V/AC

Device type	15A portable GFCIs Inline, plug series	20A portable GFCIs Inline series	30A portable GFCIs Inline series
Connection type	Molded plug & connector field wireable, or watertight plug & connector	Molded plug & connector, watertight plug & connector, or field wireable flying leads	Molded plug & connector, watertight plug & connector, or field wireable flying leads
Testing & code compliance	• cULus Listed to UL943 • OSHA 29 CFR 1926.404 (b)(1)(ii) & OSHA 29 CFR 1926.405 (a)(2)(ii)(G) • NEC 590.6, NEC 511.12, NEC 600.10, NEC 680.5, NEC 680.40	• Plug & connector ends: cULus Listed to UL943 • Field wireable: UL recognized component for US & Canada • OSHA 29 CFR 1926.404 (b)(1)(ii) & OSHA 29 CFR 1926.405 (a)(2)(ii)(G) • NEC 590.6, NEC 511.12, NEC 600.10, NEC 680.5, NEC 680.40	• Plug & connector ends: cULus Listed to UL943 • Field wireable: UL recognized component for US & Canada • OSHA 29 CFR 1926.404 (b)(1)(ii) & OSHA 29 CFR 1926.405 (a)(2)(ii)(G) • NEC 590.6, NEC 511.12, NEC 600.10, NEC 680.5, NEC 680.40
Environmental specifications	**Enclosure protection:** NEMA Type 3R rated **Temperature rating:** -35°C to 66°C (-31°F to 150.8°F)	**Enclosure protection:** NEMA Type 4X rated **Temperature rating:** -35°C to 66°C (-31°F to 150.8°F)	**Enclosure protection:** NEMA Type 4X rated **Temperature rating:** -35°C to 66°C (-31°F to 150.8°F)
Electrical specifications	**Rated supply voltage:** 120V/AC **Rated current/current:** Up to 15A or rating of wiring device and/or cable **Ground trip current:** 4-6 mA **Overload current:** 90A @ 125V/AC **Insulation voltage:** 4000V – 1 minute **Response time:** 25 mS max. **Let go voltage:** N/A	**Rated supply voltage:** 120V/AC, 208V/AC, 240V/AC, 277V/AC **Rated current/current:** Up to 20A or rating of wiring device and/or cable **Ground trip current:** 4-6 mA **Overload current:** 120A **Insulation voltage:** 4000V – 1 minute **Response time:** 25 mS max. **Let go voltage:** 60% rated voltage	**Rated supply voltage:** 120VAC, 208V/AC, 240V/AC, 277V/AC **Rated current/current:** Up to 30A or rating of wiring device and/or cable **Ground trip current:** 4-6 mA **Overload current:** 180A **Insulation voltage:** 4000V – 1 minute **Response time:** 25 mS max. **Let go voltage:** 60% rated voltage
Mechanical specifications	**Reset type:** Manual or automatic **Operating frequency:** 60 Hz **GFCI type:** Class A **Endurance operations:** 3,000 operations **Switch interference:** N/A **Latching mechanism:** N/A	**Reset type:** Manual or automatic **Operating frequency:** 60 Hz **GFCI type:** Class A **Endurance operations:** 3,000 operations **Switch interference:** Double insulated **Latching mechanism:** Electro-magnetic	**Reset type:** Manual or automatic **Operating frequency:** 60 Hz **GFCI type:** Class A **Endurance operations:** 3,000 operations **Switch interference:** Double insulated **Latching mechanism:** Electro-magnetic
Materials	**Body:** Polycarbonate **Cord:** Heavy duty 12/3 SJTW cable	**Body:** Polycarbonate & ABS (Gray) **Cord:** Heavy duty 12/3 SJEOOW cable	**Body:** Polycarbonate & ABS (Gray) **Cord:** Heavy duty 10/3 SJTOW cable

Compliances, specifications and availability are subject to change without notice.

Portable GFCIs specification & performance data

Industrial grade portable GFCIs 15A plug series & inline series

Product description

15A, 120V/AC

Device type	Single outlet GFCI adapter GFP400	Inline series-field wireable GFP100-B
Connection type	Plug in adapter with NEMA 5-15 receptacle	Field wireable
Testing & code compliance	• Listed to UL • CSA certified	• UL recognized component
Environmental specifications	**Temperature rating:** -35°C-66°C (-31°F to 150.8F°)	**Temperature rating:** -10°C-60°C (-50°F to 140F°)
Electrical specifications	**Rated supply voltage:** 15A, 120V/AC **Trip level:** 4-6mA **Response time:** < 25mS **MCOV protection:** 205 Joules **Overload current:** 6 times rated current **Insulation voltage:** 1500V RMS - 1 minute **Effect of 10A turn DC shock on ground fault trip:** 5% max. trip level variation	**Rated supply voltage:** 20A, 120V/AC or 10A, 240V/AC **Trip level:** 30mA **Response time:** < 25mS **MCOV protection:** 3kV ringwave test and 4kV/2kA surge immunity test **Overload current:** 6 times rated current **Insulation voltage:** 1500V RMS - 1 minute **Effect of 10A turn DC shock on ground fault trip:** N/A
Mechanical specifications	**Operating frequency:** 50/60 Hz **Radio frequency noise susceptibility:** Operates within normal limits with 0.5V injected on power line 150mHz-230mHz **Ground neutral:** 40 Ohms typical **Endurance operations:** 3,000 operations min. **Wire accommodations:** N/A **Power indicator:** Mechanical, indicates power on	**Operating frequency:** 50/60 Hz **Radio frequency noise susceptibility:** Operates within normal limits with 0.5V injected on power line 150mHz-230mHz **Ground neutral:** N/A **Endurance operations:** 5,000 operations min. **Wire accommodations:** #12 - #18 AWG, SJT **Power indicator:** Lighted, indicates power on

ArrowLink modular receptacles specification & performance data

Arrowlink plugs & connectors

Product description

2-pole, 3-wire grounding
15A & 20A, 125V/AC;
NEMA 5-15, 5-20,

Device type	ArrowLink plugs & connectors: MCR125 series, MCR250 series, MCR300 series
Wiring type	Integral wire leads, crimped & resistance welded
Testing & code compliance	• Plug & connector cULus Listed to UL2459 file no. E325188
Environmental specifications	**Flammability:** Meets UL94 requirements; V2 rated **Temperature rating:** -35°C to 66°C (-31°F to 150.8°F)
Electrical specifications	**Maximum working voltage** 300V/AC **Overload:** 52.5A / AC for 10 cycles **Temperature rise:** Max. 50°C (122°F) while conducting 35A after 10 cycles of overload @ 52.5A / AC **Dielectric voltage:** Withstands 1600V per UL2459 **Maximum continuous current:** 20A **Current interrupting:** Limited cycles at full-rated current
Mechanical specifications	**Wire Leads:** #12 AWG **Voltage ratings:** Permanently marked on device
Materials	**Housing:** Polycarbonate **Contacts:** Copper alloy **Wire leads:** Solid or stranded THHN #12 AWG

Compliances, specifications and availability are subject to change without notice.

SECTION

Bad Sewing-Machine
Bad Sewing-Operator
Oil/Dirt Spots
Dye Spots
Off Dye Shade to the Standard
Bad Boarding (Streak)
Yarn Defective
Off Size
Holes/Runs
Picks/Pulls
Missing Stitch (Bad Welt)
Other
Slitting
Missing
Un-even Dye. Color/Shade
Dye Migration

Electronic Protection Devices

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Electronic protection device families I-4

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Straight blade surge protection receptacles I-5

Surge protection receptacles plus w/audible alarm & LED indicators	Rating	
15A, 125V/AC	NEMA 5-15R	I-6
20A, 125V/AC	NEMA 5-20R	I-6

Surge protection receptacles plus w/ LED indicators	Rating	
15A, 125V/AC	NEMA 5-15R	I-6
20A, 125V/AC	NEMA 5-20R	I-6

Surgebloc surge protection receptacles with audible alarm	Rating	
15A, 125V/AC	NEMA 5-15R	I-6
20A, 125V/AC	NEMA 5-20R	I-6
Replacement surge bloc module		I-6

Surge protection devices & lighting arresters		
108 KA, 120/240	NEMA Type 4	I-7
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Multi-outlet surge protection	
Surge protection adapters	I-8
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Isolated ground receptacles I-9

Isolated ground straight blade receptacles I-10

Isolated ground duplex	Rating	
15A, 125V/AC	NEMA 5-15	I-11
20A, 125V/AC	NEMA 5-20	I-11
15A, 250V/AC	NEMA 6-15	I-12
20A, 250V/AC	NEMA 6-20	I-12

Isolated ground single receptacle	Rating	
15A, 125V/AC	NEMA 5-15	I-11
20A, 125V/AC	NEMA 5-20	I-11
15A, 250V/AC	NEMA 6-15	I-12
20A, 250V/AC	NEMA 6-20	I-12

Isolated ground locking devices I-13

2-pole, 3-wire	Rating	
15A, 125V	NEMA L5-15	I-14
15A, 250V	NEMA L6-15	I-14
20A, 125V	NEMA L5-20	I-14
20A, 250V	NEMA L6-20	I-15
20A, 277V	NEMA L7-20	I-15
20A, 480V	NEMA L8-20	I-15
30A, 125V	NEMA L5-30	I-16
30A, 250V	NEMA L6-30	I-16
30A, 277V	NEMA L7-30	I-16
30A, 480V	NEMA L8-30	I-17

3-pole, 4-wire	Rating	
20A, 125/250V	NEMA L14-20	I-17
20A, 3Ø 250V	NEMA L15-20	I-17
20A, 3Ø 480V	NEMA L16-20	I-18
30A, 125/250V	NEMA L14-30	I-18
30A, 3Ø 250V	NEMA L15-30	I-18

4-pole, 5-wire	Rating	
20A, 3ØY 120/208V	NEMA L21-20	I-19
30A, 3ØY 120/208V	NEMA L21-30	I-19
30A, 3ØY 277/480V	NEMA L22-30	I-19
30A, 3ØY 347/600V	NEMA L23-30	I-19

Specifications information I-20

ArrowLink modular connectors

ArrowLink

Arrow Hart's factory terminated ArrowLink system revolutionizes device installation, unleashing ground breaking labor savings in installation and maintenance by eliminating traditional pigtailing, terminal connections and taping. Use ArrowLink on your next job to reduce labor costs, eliminate installation errors, save money and win!

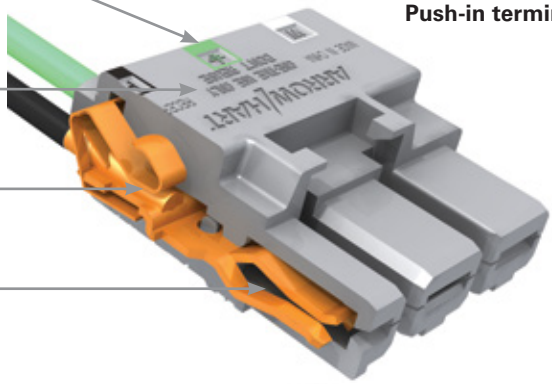
Features & benefits

Color coded terminals for consistent, reliable connections

Durable polycarbonate housing

Terminal accommodation #12 - #14 AWG, solid only

Copper alloy contacts for superior wire retention and minimized heat rise



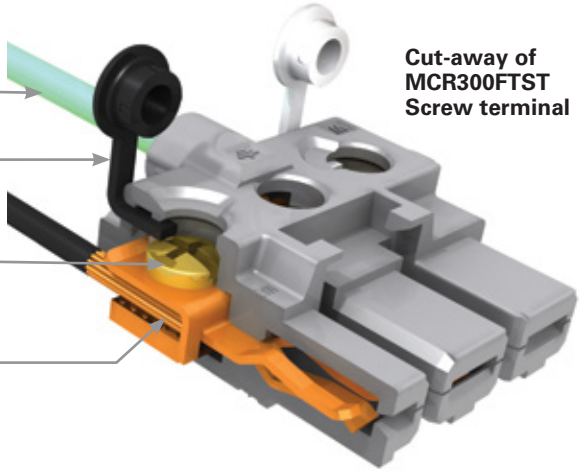
Cut-away of MCR300FTPI Push-in terminal

6", #12 AWG ground lead with ring terminal and captive ground screw

Color coded terminal screws guard caps

Color coded terminal screws

Terminal accommodation #12 - #14 AWG, solid or stranded



Cut-away of MCR300FTST Screw terminal

How to order

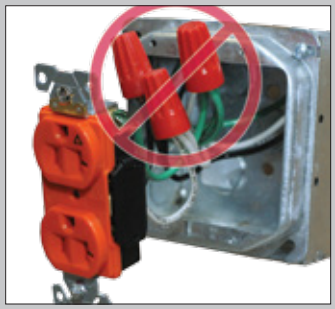
1. Select a device to ArrowLink enable. Catalog pages identify available products-simply add an "M" to the catalog number and the devices will be factory enabled with the ArrowLink device-side connection. (For GFCIs add "MOD" suffix)

2. Choose from leaded or unleaded ArrowLink connector versions in screw-down or push-in models.

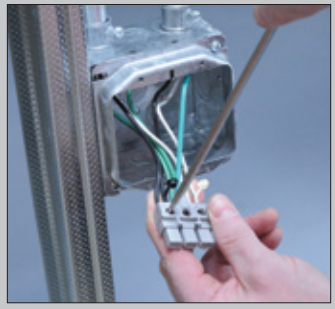
3. Place your order and get your ArrowLink devices in bulk packed boxes, shipped within 5 days of receipt of order!

Compliances, specifications and availability are subject to change without notice.

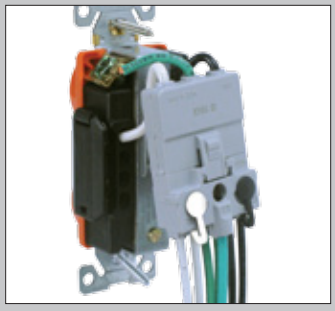
ArrowLink SPD benefits



Ease of installation:
No more twist-on wire connectors



50% Time savings:
SPD accelerates both rough-in & trim out installation

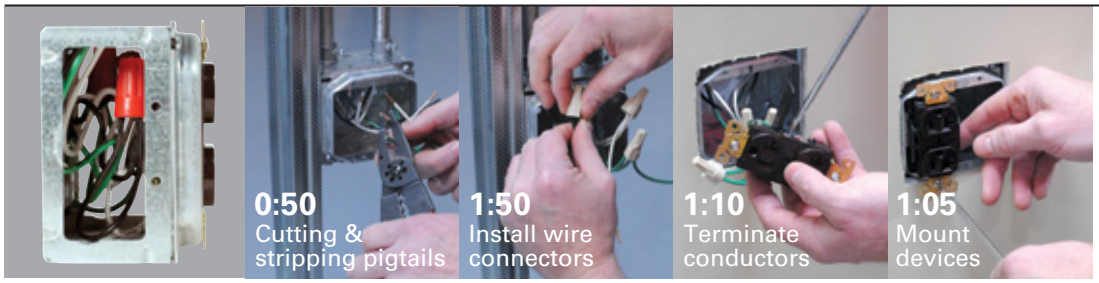


Efficient design:
Low profile connection with feed-through capability

30% Reduction
in wire volume inside the box

ArrowLink SPD comparative labor savings analysis

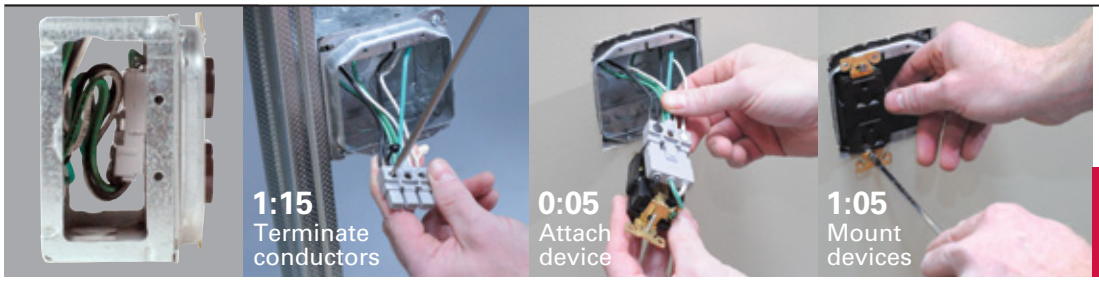
Traditional pigtail installation



4:55/Receptacle

Total time required to install 500 pigtail devices:
40.97 Hours

ArrowLink SPD installation



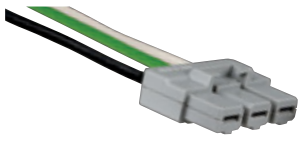
2:25/Receptacle

Total time required to install 500 ArrowLink SPD devices:
20.13 Hours

Time saved with SPD
20.84 Hours

Leaded ArrowLink receptacle connectors

Device type	Description	Catalog no.
Receptacle	Solid wire leads – 125V	☐ MCR125SOL
	Stranded wire leads – 125V	☐ MCR125STR
	Solid wire leads – 250V	☐ MCR250SOL
	Stranded wire leads – 250V	☐ MCR250STR



MCR125STR
Leaded ArrowLink connector

ArrowLink SPD receptacle connectors

Device type	Description	Catalog no.
Receptacle	Screw terminal	☐ MCR300FTST
	Screw terminal, no ground conductor	☐ MCR300FTSTNG
	Push-in	☐ MCR300FTPI
	Push-in, no ground conductor	☐ MCR300FTPING

MCR300FTST
Screw terminal

MCR300FTPI
Push-in terminal

ArrowLink accessories

Device type	Description	Catalog no.
Circuit tester	Tests receptacle & ArrowLink connectors	☐ ALTESTER

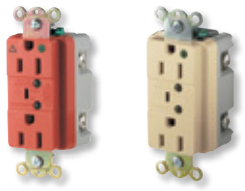
ALTESTER
Circuit tester

Compliances, specifications and availability are subject to change without notice.

Electronic protection device families

Protection for sensitive electronic equipment

Our electronic protection devices offer protection against surges and electromagnetic interference which prevent equipment from operating properly

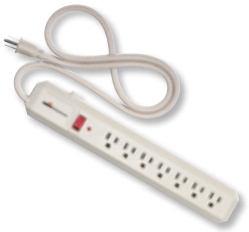


Hospital grade surge protection devices

Protection for sensitive electronic equipment that is critical for daily operations.

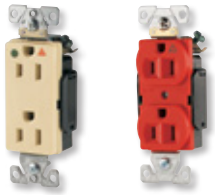
Commercial grade surge protection devices

Innovative receptacle designs boast features such as built-in alarms or quick-change replacement protection modules.



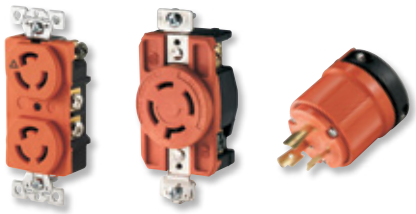
Surge protection strips and adapters

Conveniently provide electronic surge protection where you need it.



Hospital & industrial grade isolated ground devices

Built for heavy-duty use and designed for easy and quick installation.



Industrial isolated ground locking devices

Rugged construction and materials ensure reliable protection of sensitive equipment.

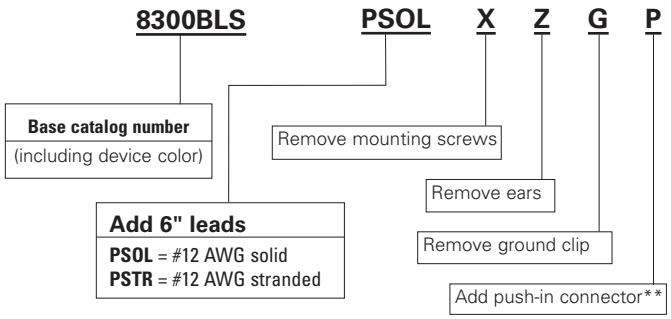
Build-to-spec

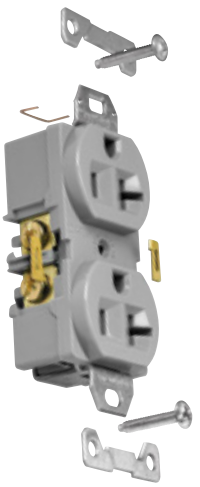
For receptacles, switches, GFCIs & SPD devices

Modified at the factory to improve efficiency and speed production at the job site. Arrow Hart's build-to-spec program provides customized device solutions to simplify your project and maximize your bottom line.

Build-to-spec sample number:
8300BLS

Note:
Arrow Hart 20A 125V NEMA 5-20 blue surge protection receptacle, with wire leads and push-in connectors, without mounting screws, ears, or grounding clip.





BUILD-TO-SPEC
CUSTOM CONFIGURED DEVICES

**For use with leaded devices only. Add "PSOL" to back of device catalog number for 6" of #12 AWG solid or "PSTR" for 6" of #12 AWG stranded. (Example: 8300BLSPSOL + build to spec options).

All devices are bulk packed 50 pieces per carton. Minimum order quantity is 100 pieces. Orders under 500 pieces ship within 5 days with larger quantities typically within 10 days.

Compliances, specifications and availability are subject to change without notice.

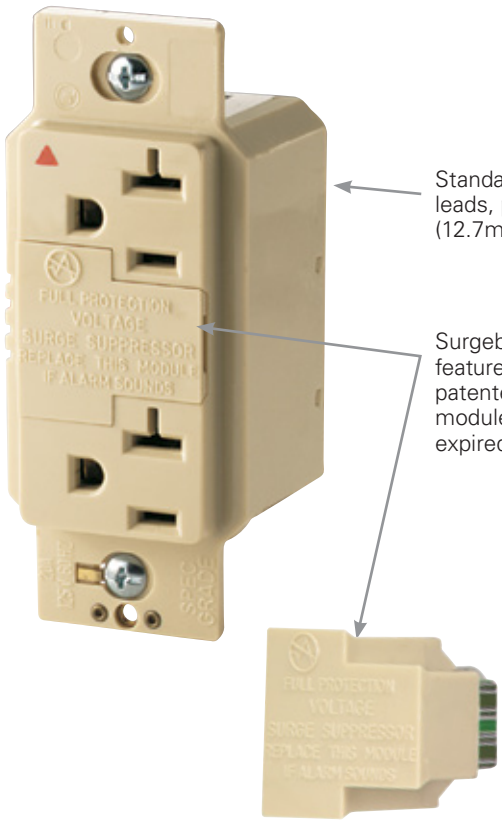
Surge protection receptacles

Protect your valuables

With over 80% of surges originating from inside a building, Arrow Hart's surge protection point of use receptacles provide branch circuit surge protection for sensitive electronic equipment that panel mounted surge protection systems cannot provide

Surge protection plus

Surgebloc



Surge protection plus

Additional features & benefits

- Available in hospital and commercial grades in 15A & 20A 125V configurations with LED, audible alarm and isolated ground versions
- 8-Hole back and side wired
- High impact thermoplastic construction

Surgebloc

Additional features & benefits

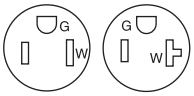
- Provides surge protection for hot to neutral, hot to ground and neutral to ground
- Available in isolated ground versions for noise protection against EMI and RFI
- Audible alarm signals when surge protection has expired

Compliances, specifications and availability are subject to change without notice.

Surge protection receptacles with LED indicators & audible alarm

Product description

2-pole, 3-wire grounding
15A, 125V/AC; 20A, 125V/AC; NEMA 5-15R & 5-20R



5-15R **5-20R**

Features

- High impact-resistant thermoplastic mounting strap for long lasting durable installation
- LED status indication (5250, 5350) to enable easier troubleshooting

IG8200HG_S

5362_S

IG5350_S

IG1208

1209

Receptacles w/audible alarm & LED indicators, back & side wire

Rating A	V/AC	NEMA	Description	Color suffix	Catalog no.		
15	125	5-15R	Hospital grade, duplex receptacle	BL, RD, V, W	☐8200__S	•	•
			IG hospital grade, duplex receptacle	BL, RN, V, W	☐IG8200HG__S	•	•
			Commercial grade, duplex receptacle	BL, GY, V, W	☐5262__S	•	•
			IG commercial grade, duplex receptacle	BL, GY, RN, V, W	☐IG5262__S	•	•
20	125	5-20R	Hospital grade, duplex receptacle	BL, RD, V, W	☐8300__S	•	•
			IG hospital grade, duplex receptacle	BL, RN, V, W	☐IG8300HG__S	•	•
			Commercial grade, duplex receptacle	BL, GY, V, W	☐5362__S	•	•
			IG commercial grade, duplex receptacle	BL, GY, RN, V, W	☐IG5362__S	•	•

560 Joules, max. surge current - 18kA per mode, UL 1449 3rd edition cULus

Receptacles w/LED indicators, back & side wire

Rating A	V/AC	NEMA	Description	Color suffix	Catalog no.		
15	125	5-15R	Commercial grade, duplex receptacle	BL, V, W	☐5250__S	•	•
20	125	5-20R	Commercial grade, duplex receptacle	BL, GY, V, W	☐5350__S	•	•

840 Joules, max. surge current - 18kA per mode, cULus listed to UL 1449 3rd edition, file no E15058

Receptacles w/audible alarm

Rating A	V/AC	NEMA	Description	Color suffix	Catalog no.		
15	125	5-15R	Commercial grade, duplex receptacle	V, W	☐1208__	•	•
			IG commercial grade, duplex receptacle	V, W	☐IG1208__	•	•
20	125	5-20R	Commercial grade, duplex receptacle	V, W	☐1210__	•	•
			IG commercial grade, duplex receptacle	V, W	☐IG1210__	•	•

340 Joules, max. surge current - 12kA per mode, cULus listed to UL 1449 3rd edition, file no E15058

Replacement surgebloc module

Description	Color suffix	Catalog no.
Replacement module for 1208 & 1210	BL, GY, V, W	☐1209__

UL recognized accessory, file no E102018

Accessories for surge protection receptacles

Description	Color	Catalog no.
1-Gang mid-size decorator polycarbonate wallplate	BL, GY, V, W	☐PJ26__
1-Gang mid-size decorator polycarbonate wallplate, pre-marked "Isolated Ground"	RN	☐PJ26IG

Color ordering information:

For ordering devices, include Catalog no. followed by the Color suffix: BL (Blue), GY (Gray), RD (Red), RN (Orange), V (Ivory), W (White)

BL	GY	RD	RN	V	W
(Blue)	(Gray)	(Red)	(Orange)	(Ivory)	(White)

Specification information: Surge protection receptacles with audible alarm & LED I-20; surge protection receptacles with LED indicators I-21

Compliances, specifications and availability are subject to change without notice.

ArrowLink option available. Add "M" suffix to standard catalog number (example 8300WS, 8300WSM). For ordering information on ArrowLink & ArrowLink SPD connectors, see Page I-3

Build-to-spec customizable devices - Page I-4

SPD type 2 CHSP service entrance surge protection UL 1449 3rd edition; cULus

Product description

2-pole, 3-wire grounding
15A, 125V/AC; 20A, 125V/AC
NEMA 5-15R & 5-20R

CHSPT2ULTRA

CHSPT2MICRO

Features

- AC power protection
- Universally connects to any manufacturer's loadcentre (breakerbox)
- Quick connect design to enable easy mounting of telephone and cable protection modules
- LED status indication for convenient troubleshooting
- Externally mounted to your breaker box
- Connected equipment warranty (check instruction sheet for more details)
- Limited lifetime warranty product

Service entrance surge protection devices

Enclosure	Voltage	Phase	(Hz)	MCOV	VPR	In	SCCR	Surge current capacity, per phase rating	Catalog no.
NEMA Type 4	120/240 V/AC rated line voltage	Single	60	150V L-N, 300V L-L	600V L-N, 600V L-N, 800V N-G, 600V L-G	20 kA*	22 kA	**108 kA** (L1-N 54 kA, L1-G 54 kA, L2-N 54 kA, L2-G 54 kA)	CHSPT2ULTRA
NEMA Type 4	120/240 V/AC rated line voltage	Single	60	150V L-N, 300V L-L	600V L-N, 600V L-N, 800V N-G, 600V L-G	5 kA	22 kA	**36 kA** (L1-N 18 kA, L1-G 18 kA, L2-N 18 kA, L2-G 18 kA)	CHSPT2MICRO

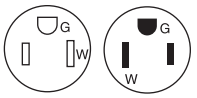
*When used with a 50A two-pole circuit breaker, 10 kA when used with a 15A two-pole circuit breaker
MCOV: Maximum continuous operating voltage that may be applied to the device per mode
VPR: Voltage protection rating is the measured limiting voltage after a surge event
In: Nominal discharge current is the current that the device can withstand for 15 impulses
SCCR: The amount of current the product can withstand under short-circuit conditions
Surge current capacity: The maximum one time surge current rating per phase
For warranty details, go to surgetrap

Compliances, specifications and availability are subject to change without notice.

Surge protection adapters

Product description

2-pole, 3-wire grounding
15A, 125V/AC
Plug-In, NEMA 5-15R
Type 3 SPD



5-15R 5-15P

1177CG

Six outlet surge adapters – plug-in

Features

- Provides full three mode surge protection for hot to neutral, hot to ground and neutral to ground (except 1156CG)
- Center mounting screw provided for permanent attachment to receptacle
- EMI/RFI filtering minimizes line noise
- Made of high impact-resistant thermoplastic for long-term durability
- Telephone/fax/modem protection provided with RJ11-type telephone ports (4-wire protection)
- Type 3 SPD

1176

Six outlet surge adapters – plug-in

Rating A	Rating V/AC	Joules	Max surge current	Description	Color	Catalog no.
15	125	340	12kA/mode	Full protection	CG	☐1177CG
		340	12kA/mode	Full protection w/ telephone jacks	CG	☐1162CG
		170	12kA/mode	Basic protection	CG	☐1156CG

Surge protection power strip

Features

- Portable strip provides 7 surge-protected outlets anywhere for stereos, TVs, computers or other electronic-based equipment
- Full mode surge protection for hot to neutral, hot to ground and neutral to ground
- Resettable 15 amp circuit breaker
- Made of high impact-resistant thermoplastic for long-term durability
- Comes complete with 14/3 SJT 4' (1.22m) portable cord
- Pilot light on/off switch indicates power to unit

Surge bloc surge protection receptacles w/audible alarm

Rating A	Rating V/AC	Joules	Description	Color	Catalog no.
15	125	70J	Full protection 7 outlet with circuit breaker	V	☐1176V

Color information:

CG (Computer Gray), V (Ivory)

CG (Computer Gray) V (Ivory)

Compliances, specifications and availability are subject to change without notice.

Isolated ground receptacles

The efficient and economical way to protect sensitive electronics

Operational degradation, disruption and damage from electronic noise in a conventionally grounded circuit can happen to any piece of equipment with a microprocessor; Arrow Hart's isolated ground receptacles eliminate this to improve equipment performance

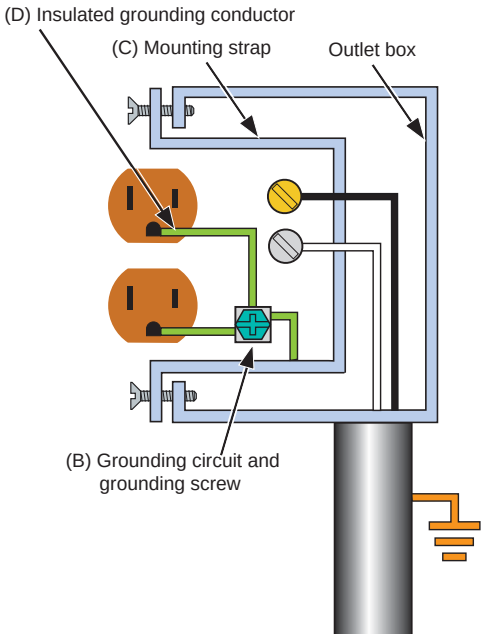
Receptacle differences

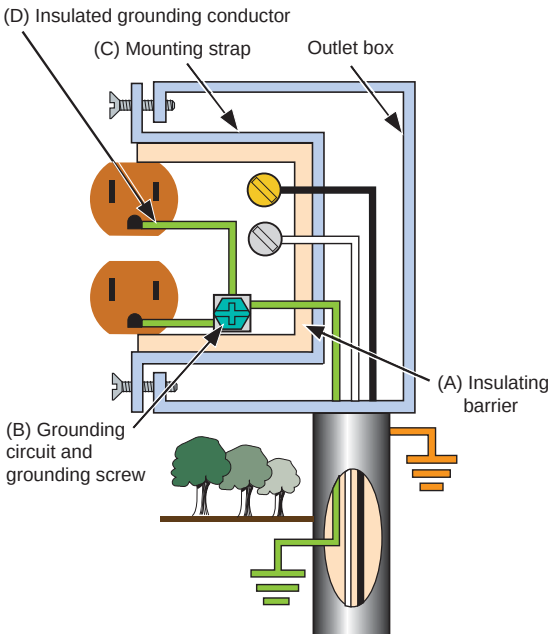
Conventional receptacle

A conventional receptacle is grounded to the building grounding system at the receptacle. When mounted in the box, the receptacle's grounding contacts are connected to the box, fittings, conduit and all other building ground system components which can act as a large antenna for EMI and RFI (electronic) noise.

How an isolated ground device is different

Isolated ground devices easily protect sensitive electronics or equipment from damage without the expense of using power conditioners. Grounding contacts are bonded directly to the service entrance grounding system. In the illustration the insulating barrier (A) isolates the grounding contacts (B) from the mounting strap (C). The insulated grounding conductor (D) is bonded to the service entrance grounding system, resulting in the protection of equipment that draws power from the isolated ground device.





For protection against both voltage spikes and electronic noise, choose an isolated ground surge protection receptacle.

2014 NEC® section 250.146 Connecting Receptacle Grounding Terminal to Box

(D) Isolated Ground Receptacles

Where installed for the reduction of electrical noise (electromagnetic interference) on the grounding circuit, a receptacle in which the grounding terminal is purposely insulated from the receptacle mounting means may be permitted. The receptacle grounding terminal shall be connected to an insulated equipment grounding conductor run with the circuit conductors. This equipment grounding conductor shall be permitted to pass through one or more panel boards without a connection to the panel board grounding terminal bar as permitted in 408.40, Exception, so as to terminate within the same building or structure directly at an equipment grounding conductor terminal of the applicable derived system or service. Where installed in accordance with the provisions of this section, this equipment grounding conductor shall also be permitted to pass through boxes, wireways, or other enclosures without being connected to such enclosures.

2014 NEC® section 406.3 Receptacle Rating and Type

(D) Isolated Ground Receptacles

Receptacles incorporating an isolated grounding conductor connection intended for the reduction of electrical noise (electromagnetic interference) as permitted in 250.146(D) shall be identified by an orange triangle on the face of the receptacle.

Compliances, specifications and availability are subject to change without notice.

Isolated ground straight blade receptacles

Reduce electromagnetic interference (EMI) with Arrow Hart isolated ground receptacles

Use of a properly wired isolated grounding circuit can significantly reduce EMI and provide a relatively "noise free" ground path to enhance the performance of sensitive electronic equipment

Premium industrial grade isolated ground straight blade receptacles features & benefits

Innovative 5-leaf solid brass contacts provide consistent performance and superior plug retention

Screw catch feature on duplex devices speeds mounting of wallplates

Proprietary 0.030" (0.76mm) solid brass non riveted, one piece isolated grounding shunt

Exclusive screw terminal guards provide fast, easy insulation from conductive surfaces

Additional features & benefits

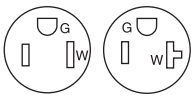
- Available in hospital, industrial, and construction grade duplex and single receptacles, in 15A & 20A, 125V & 250V configurations
- Rigid, nylon base lends ultimate strength and heat resistance in contact carrier
- High impact and chemical resistant nylon face
- Automatic grounding system assures wallplate is grounded when installed in a grounded metal enclosure

Compliances, specifications and availability are subject to change without notice.

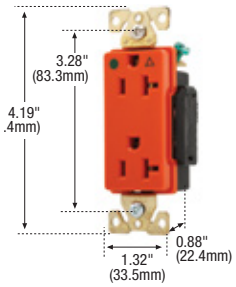
Premium industrial grade isolated ground straight blade receptacles

Product description

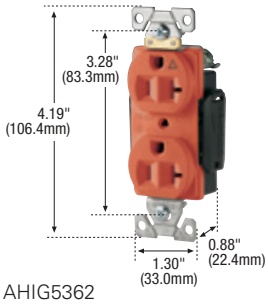
2-pole, 3-wire grounding
15A, 125V/AC; 20A, 125V/AC
NEMA 5-15R & 5-20R



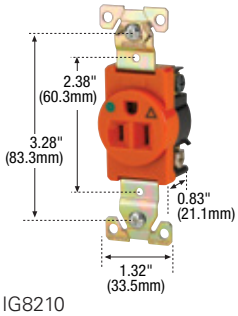
5-15R **5-20R**



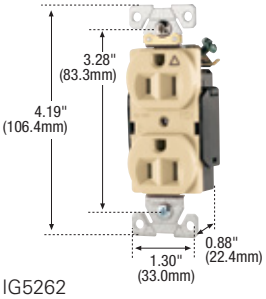
IG8362



AHIG5362



IG8210



IG5262

Isolated ground duplex receptacles, back & side wire

Rating A	V/AC	NEMA	Description	Color suffix	Catalog no.				
15	125	5-15R	IG hospital grade, duplex receptacle	GY, RD, RN, V, W	☐ IG8200__	•	•		•
			IG hospital grade, decorator duplex receptacle	GY, RN, V, W	☐ IG8262__	•	•		•
			Premium industrial grade, duplex receptacle	GY, RD, RN, V, W	☐ AHIG5262__	•	•	•	•
20	125	5-20R	IG hospital grade, duplex receptacle	GY, RD, RN, V, W	☐ IG8300__	•	•		•
			IG hospital grade, decorator duplex receptacle	GY, RN, V, W	☐ IG8362__	•	•		•
			Premium industrial grade, duplex receptacle	BK, GY, RD, RN, V, W	☐ AHIG5362__	•	•	•	•

Isolated ground single receptacles, back & side wire

Rating A	V/AC	NEMA	Description	Color suffix	Catalog no.			
15	125	5-15R	IG hospital grade, single receptacle	RN	☐ IG8210	•	•	•
			Industrial grade, single receptacle	RN	☐ IG5261	•	•	•
20	125	5-20R	IG hospital grade, single receptacle	RN	☐ IG8310	•	•	•
			Industrial grade, single receptacle	RN, V	☐ IG5361__	•	•	•

Construction grade isolated ground receptacles, back & side wire

Rating A	V/AC	NEMA	Description	Color suffix	Catalog no.
15	125	5-15R	IG duplex receptacle	GY, RD, RN, V, W	☐ IG5262__
20	125	5-20R	IG duplex receptacle	BK, GY, RD, RN, V, W	☐ IG5362__

Color ordering information:

For ordering devices, include Catalog no. followed by the Color suffix: BK (Black), GY (Gray), RD (Red), RN (Orange), V (Ivory), W (White)

BK	GY	RD	RN	V	W
(Black)	(Gray)	(Red)	(Orange)	(Ivory)	(White)

Specification information: IG HG duplex & decorator receptacle I-22, IG industrial grade receptacle I-23, IG HG single receptacle I-22, IG industrial grade single receptacle I-23

Compliances, specifications and availability are subject to change without notice.

ArrowLink option available. Add "M" suffix to standard catalog number (example 8300WS, 8300WSM). For ordering information on ArrowLink & ArrowLink SPD connectors, see Page I-3

Build-to-spec customizable devices - Page I-4

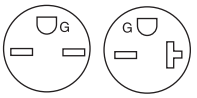
Indicates NAFTA compliant - Page Q-32

RoHS compliant - Page Q-32

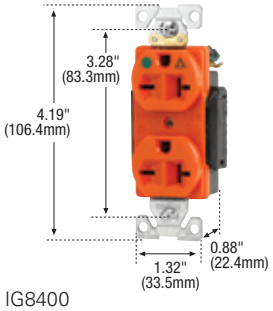
Isolated ground straight blade receptacles

Product description

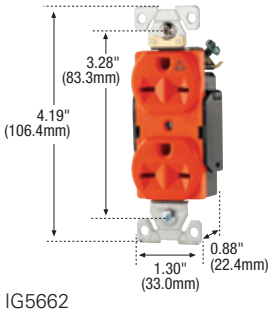
2-pole, 3-wire grounding
15A, 250V/AC; 20A, 250V/AC
NEMA 6-15R & 6-20R



6-15R 6-20R



IG8400



IG5662

Isolated ground duplex receptacles, back & side wire

Rating A	V/AC	NEMA	Description	Color	Catalog no.				
15	250	6-15R	Industrial grade, duplex receptacle	RN	☐ AHIG5662	•	•	•	•
20	250	6-20R	IG hospital grade, duplex receptacle	RN	☐ IG8400		•		•
			Industrial grade, duplex receptacle	RN	☐ AHIG5462	•	•	•	•

Isolated ground single receptacles, back & side wire

Rating A	V/AC	NEMA	Description	Color	Catalog no.			
15	250	6-15R	Industrial grade, single receptacle	RN	☐ IG5661*	•		•
20	250	6-20R	Industrial grade, single receptacle	RN	☐ IG5461	•	•	•

*Not Fed Spec

Accessories for isolated ground straight blade receptacles

Description	Color suffix	Catalog no.		
1-Gang standard size single receptacle nylon wallplate pre-marked, "ISOLATED GROUND"	RN, V	IG5131__	•	•
1-Gang mid-size duplex receptacle polycarbonate wallplate	A, B, BK, BL, GY, LA, RD, V, W	PJ8__		•
1-Gang standard size duplex receptacle nylon wallplate pre-marked, "ISOLATED GROUND"	RN	IG5132	•	•

IG5131V

PJ8V

IG5132RN

Color ordering information:

For ordering devices, include Catalog no. followed by the Color suffix: A (Almond), B (Brown), BK (Black), BL (Blue), GY (Gray), LA (Light Almond), RD (Red), V (Ivory), W (White)

A	B	BK	BL	GY	LA	RD	V	W
(Almond)	(Brown)	(Black)	(Blue)	(Gray)	(Lt. Almond)	(Red)	(Ivory)	(White)

Specification information: HG IG duplex receptacle I-22, industrial grade isolated ground duplex I-23, industrial grade isolated ground single I-23

Compliances, specifications and availability are subject to change without notice.

ArrowLink option available. Add "M" suffix to standard catalog number (example 8300WS, 8300WSM). For ordering information on ArrowLink & ArrowLink SPD connectors, see Page I-3

Build-to-spec customizable devices - Page I-4

Indicates NAFTA compliant - Page Q-32

RoHS compliant - Page Q-32

Isolated ground locking devices

Rugged design for reliable protection

Superior materials and innovative design provide ease of use and reliable protection of critical equipment

Locking isolated ground receptacles

High strength, glass reinforced nylon body for durability and reliable protection

Grounding contact is isolated from system grounding

One-piece, double wipe contacts for superior conductivity and long term reliability

Double riveted mounting strap assembly provides reliable performance

Locking isolated ground plugs

Tri-combo Slotted/Phillips/ Robertson quick drive screws speed installation

Neoprene gasket seals cord opening for added protection against contaminants

One piece grounding contacts for superior continuity

Tapered individual wire pockets guide wire into contact area for ease of installation

Compliances, specifications and availability are subject to change without notice.

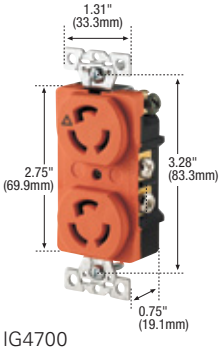
Isolated ground locking devices

Industrial grade isolated ground locking devices

Product description

2-pole, 3-wire grounding
15A, 125V/AC
NEMA L5-15

L5-15R



IG4700

Isolated ground receptacles

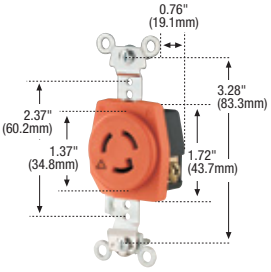
Rating A	V/AC	NEMA	Description	Color	Single receptacle catalog no.	Duplex receptacle catalog no.		
15	125	L5-15	Isolated ground	RN	☐ IGL515R	☐ IG4700	•	•

Industrial grade isolated ground locking devices

Product description

2-pole, 3-wire grounding
15A, 250V/AC
NEMA L6-15

L6-15R



IGL515R

Isolated ground receptacles

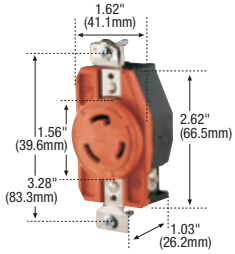
Rating A	V/AC	NEMA	Description	Color	Single receptacle catalog no.		
15	250	L6-15	Isolated ground	RN	☐ IGL615R	•	•

Industrial grade isolated ground locking devices

Product description

2-pole, 3-wire grounding
20A, 125V/AC
NEMA L5-20

L5-20R



IGL520R

Isolated ground receptacles

Rating A	V/AC	NEMA	Description	Color	Single receptacle catalog no.		
20	125	L5-20	Isolated ground	RN	☐ IGL520R	•	•

Color information:

RN (Orange)

RN

(Orange)

Specification information: 15A isolated ground single & duplex receptacles C-87, 20A isolated ground single receptacles C-88

Compliances, specifications and availability are subject to change without notice.

Indicates NAFTA compliant - Page Q-32

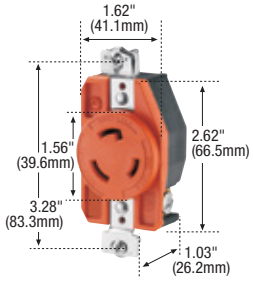
RoHS compliant - Page Q-32

Industrial grade isolated ground locking devices

Product description

2-pole, 3-wire grounding
20A, 250V/AC
NEMA L6-20

L6-20R



IGL720R

Isolated ground receptacles

Rating A	V/AC	NEMA	Description	Color	Single receptacle catalog no.		
20	250	L6-20	Isolated ground	RN	☐ IGL620R	•	•

Industrial grade isolated ground locking devices

Product description

2-pole, 3-wire grounding
20A, 277V/AC
NEMA L7-20

L7-20R

Isolated ground receptacles

Rating A	V/AC	NEMA	Description	Color	Single receptacle catalog no.	
20	277	L7-20	Isolated ground	RN	☐ IGL720R	•

Industrial grade isolated ground locking devices

Product description

2-pole, 3-wire grounding
20A, 480V/AC
NEMA L8-20

L8-20R

Isolated ground receptacles

Rating A	V/AC	NEMA	Description	Color	Single receptacle catalog no.	
20	480	L8-20	Isolated ground	RN	☐ IGL820R	•

Color information:
RN (Orange)

RN

(Orange)

Specification information: 20A isolated ground single receptacles C-88
Compliances, specifications and availability are subject to change without notice.

Indicates NAFTA compliant - Page Q-32

RoHS compliant - Page Q-32

Isolated ground locking devices

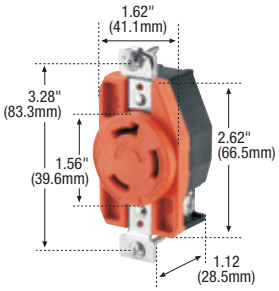
Industrial grade isolated ground locking devices

Product description

2-pole, 3-wire grounding
30A, 125V/AC
NEMA L5-30

L5-30R

L5-30P



IGL730R

Isolated ground receptacles & plugs

Rating A	V/AC	NEMA	Description	Color	Single receptacle catalog no.	Single plug catalog no.	
30	125	L5-30	Isolated ground	RN	☐ IGL530R	☐ IGL530P*	•

*Not NOM certified

Industrial grade isolated ground locking devices

Product description

2-pole, 3-wire grounding
30A, 250V/AC
NEMA L6-30

L6-30R

Isolated ground receptacles

Rating A	V/AC	NEMA	Description	Color	Single receptacle catalog no.	
30	250	L6-30	Isolated ground	RN	☐ IGL630R	•

Industrial grade isolated ground locking devices

Product description

2-pole, 3-wire grounding
30A, 277V/AC
NEMA L7-30

L7-30R

Isolated ground receptacles

Rating A	V/AC	NEMA	Description	Color	Single receptacle catalog no.	
30	277	L7-30	Isolated ground	RN	☐ IGL730R	•

Color information:
RN (Orange)

RN

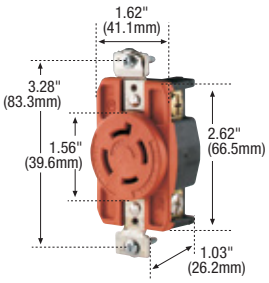
(Orange)

Specification information: 30A isolated ground single receptacles C-88
Compliances, specifications and availability are subject to change without notice.

Indicates NAFTA compliant - Page Q-32

RoHS compliant - Page Q-32

Isolated ground locking devices



IGL1420R

Industrial grade isolated ground locking devices

Product description

2-pole, 3-wire grounding
30A, 480V/AC
NEMA L8-30

L8-30R

Isolated ground receptacles

Rating A	V/AC	NEMA	Description	Color	Single receptacle catalog no.	
30	480	L8-30	Isolated ground	RN	☐ IGL830R	•

Industrial grade isolated ground locking devices

Product description

3-pole, 4-wire grounding
20A, 125/250V/AC
NEMA L14-20

L14-20R

Isolated ground receptacles

Rating A	V/AC	NEMA	Description	Color	Single receptacle catalog no.		
20	125/250	L14-20	Isolated ground	RN	☐ IGL1420R	•	•

Industrial grade isolated ground locking devices

Product description

3-pole, 4-wire grounding
20A, 3Ø 250V/AC
NEMA L15-20

L15-20R

Isolated ground receptacles

Rating A	V/AC	NEMA	Description	Color	Single receptacle catalog no.		
20	250	L15-20	3Ø isolated ground	RN	☐ IGL1520R	•	•

Color information:

RN (Orange)

RN

(Orange)

Specification information: 20A & 30A isolated ground single receptacles C-88
Compliances, specifications and availability are subject to change without notice.

Indicates NAFTA compliant - Page Q-32

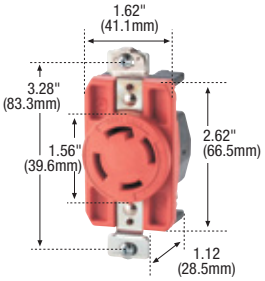
RoHS compliant - Page Q-32

Industrial grade isolated ground locking devices

Product description

3-pole, 4-wire grounding
20A, 3Ø 480V/AC
NEMA L16-20

L16-20R



IGL1430R

Isolated ground receptacles

Rating A	V/AC	NEMA	Description	Color	Single receptacle catalog no.		
20	480	L16-20	3Ø isolated ground	RN	☐ IGL1620R	•	•

Industrial grade isolated ground locking devices

Product description

3-pole, 4-wire grounding
30A, 125/250V/AC
NEMA L14-30

L14-30R

Isolated ground receptacles

Rating A	V/AC	NEMA	Description	Color	Single receptacle catalog no.	
30	125/250	L14-30	Isolated ground	RN	☐ IGL1430R	•

Industrial grade isolated ground locking devices

Product description

3-pole, 4-wire grounding
30A, 3Ø 250V/AC
NEMA L15-30

L15-30R

Isolated ground receptacles

Rating A	V/AC	NEMA	Description	Color	Single receptacle catalog no.		
30	250	L15-30	3Ø isolated ground	RN	☐ IGL1530R	•	•

Color information:

RN (Orange)

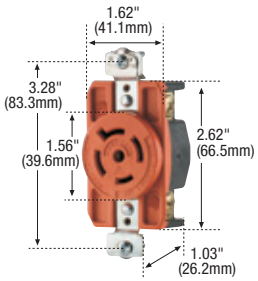
RN

(Orange)

Specification information: 30A isolated ground single receptacles C-88
Compliances, specifications and availability are subject to change without notice.

Indicates NAFTA compliant - Page Q-32

RoHS compliant - Page Q-32



IGL2120R

Industrial grade isolated ground locking devices

Product description

4-pole, 5-wire grounding
20A, 3ØY 120/208V/AC
NEMA L21-20

L21-20R

Isolated ground receptacles

Rating A	V/AC	NEMA	Description	Color	Single receptacle catalog no.		
20	120/208	L21-20	3ØY isolated ground	RN	☐IGL2120R	•	•

Industrial grade isolated ground locking devices

Product description

4-pole, 5-wire grounding
30A, 3ØY 120/208V/AC
NEMA L21-30

L21-30R

Isolated ground receptacles

Rating A	V/AC	NEMA	Description	Color	Single receptacle catalog no.		
30	120/208	L21-30	3ØY isolated ground	RN	☐IGL2130R	•	•

Industrial grade isolated ground locking devices

Product description

4-pole, 5-wire grounding
30A, 3ØY 277/480V/AC
NEMA L22-30

L22-30R

Isolated ground receptacles

Rating A	V/AC	NEMA	Description	Color	Single receptacle catalog no.	
30	277/480	L22-30	3ØY isolated ground	RN	☐IGL2230R	•

Industrial grade isolated ground locking devices

Product description

4-pole, 5-wire grounding
30A, 3ØY 347/600V/AC
NEMA L23-30

L23-30R

Isolated ground receptacles

Rating A	V/AC	NEMA	Description	Color	Single receptacle catalog no.	
30	347/600	L23-30	3ØY isolated ground	RN	☐IGL2330R	•

Color information:

RN (Orange)

RN

(Orange)

Specification information: 20A & 30A isolated ground single receptacles C-88
Compliances, specifications and availability are subject to change without notice.

Indicates NAFTA compliant - Page Q-32

RoHS compliant - Page Q-32

Surge protection receptacles

Product description

2-pole, 3-wire grounding
15A, 125V/AC; 20A, 125V/AC
NEMA 5-15, 5-20

Receptacle type	Hospital grade 8200_S and 8300_S duplex surge protection; IG8200HG_S and IG8300HG_S duplex surge protection	Commercial grade 5262_S and 5362_S duplex surge protection; IG5262_S and IG5362_S duplex surge protection
Wiring type	Back & side wire	Back & side wire
Testing & code compliance	• cULus Listed to UL1449 and UL498, file no. E2369	• cULus Listed to UL1449 and UL498, file no. E2369
Environmental specifications	**Flammability:** Meets UL94 requirements; V2 rated **Temperature rating:** -40°C to 60°C (-40°F to 140°F)	**Flammability:** Meets UL94 requirements; V2 rated **Temperature rating:** -40°C to 60°C (-40°F to 140°F)
Electrical specifications	**Voltage protection rating:** L-N & L-G modes: 600V pk; N-G mode: 1200V pk **Surge performance:** 560 Joules MCOV - 150V/AC RMS; max. surge current: 18kA per mode **Dielectric voltage:** Withstands 2000V per UL498 **Current interrupting:** Yes, at full-rated current **Temperature rise:** Max. 30°C (86°F) after 100 cycles of overload @ 150% of rated current (DC)	**Voltage protection rating:** L-N & L-G modes: 600V pk; N-G mode: 1200V pk **Surge performance:** 560 Joules MCOV - 150V/AC RMS; max. surge current: 18kA per mode **Dielectric voltage:** Withstands 2000V per UL498 **Current interrupting:** Yes, at full-rated current **Temperature rise:** Max. 30°C (86°F) after 100 cycles of overload @ 150% of rated current (DC)
Mechanical specifications	**Terminal accommodation:** #14 - #10 AWG **Green LED indicators:** Verify surge protection and ground **Alarm:** Audible, indicates compromised connection or surge protection has expired **Front access switch:** For muting audible arm until device is replaced **Voltage ratings:** Permanently marked on device	**Terminal accommodation:** #14 - #10 AWG **Green LED indicators:** Verify surge protection and ground **Alarm:** Audible, indicates compromised connection or surge protection has expired **Front access switch:** For muting audible arm until device is replaced **Voltage ratings:** Permanently marked on device
Materials	**Top housing:** Thermoplastic, nylon **Bottom housing:** Nylon **Strap:** 0.050" thick steel, zinc plated with gold chromate **Line contacts:** 0.030" triple wipe brass **Terminal & ground screws:** #8-32 brass, neutral screw nickel plated, ground screw green	**Top housing:** Thermoplastic, nylon **Bottom housing:** Nylon **Strap:** 0.050" thick steel, zinc plated with gold chromate **Line contacts:** 0.030" triple wipe brass **Terminal & ground screws:** #8-32 brass, neutral screw nickel plated, ground screw green

Compliances, specifications and availability are subject to change without notice.

Surge protection receptacles

Product description

2-pole, 3-wire grounding
15A, 125V/AC; 20A, 125V/AC
NEMA 5-15, 5-20

Receptacle type	Commercial grade 5250_S and 5350_S duplex surge protection; IG5250_S and IG5350_S duplex surge protection	Commercial grade surge bloc 1200 series, IG1200 series
Wiring type	Back & side wire	6" wire leads
Testing & code compliance	• cULus Listed to UL1449 and UL498, file no. E2369	• Listed to UL1449 and UL498, file no. E15058 • CSA certified to C22.2, no. 42, file no. 6914
Environmental specifications	**Flammability:** Meets UL94 requirements; V2 rated **Temperature rating:** -40°C to 60°C (-40°F to 140°F)	**Flammability:** Meets UL94 requirements; V2 rated **Temperature rating:** -20°C to 40°C (-4°F to 104°F)
Electrical specifications	**Voltage protection rating:** L-N mode: 700V pk; L-G mode: 600V pk; N-G mode: 600V pk **Surge performance:** 840 Joules MCOV - 150V/AC RMS; max. surge current: 18kA per mode **Dielectric voltage:** Withstands 2000V per UL498 **Current interrupting:** Yes, at full-rated current **Temperature rise:** Max. 30°C (86°F) after 100 cycles of overload @ 150% of rated current (DC)	**Voltage protection rating:** L-N & L-G modes: 600V pk N-G mode: 1000V pk **Surge performance:** 340 Joules MCOV - 127V/AC RMS; max. surge current: 12kA per mode **Dielectric voltage:** Withstands 2000V per UL498 **Current interrupting:** Yes, at full-rated current **Temperature rise:** Max. 30°C (86°F) after 100 cycles of overload @ 150% of rated current (DC)
Mechanical specifications	**Terminal accommodation:** #14 - #10 AWG **Green LED indicators:** Verify surge protection and ground **Alarm:** N/A **Voltage ratings:** Permanently marked on device	**Terminal accommodation:** 6" #12 AWG pre-stripped wire leads **Green LED indicators:** N/A **Alarm:** Audible, indicates compromised connection or surge protection has expired **Voltage ratings:** Permanently marked on device
Materials	**Top housing:** Thermoplastic, nylon **Bottom housing:** Nylon **Strap:** 0.050" thick steel, zinc plated with gold chromate **Line contacts:** 0.030" triple wipe brass **Terminal & ground screws:** #8-32 brass, neutral screw nickel plated, ground screw green	**Top housing:** Polycarbonate **Bottom housing:** Polycarbonate **Strap:** Polycarbonate **Line contacts:** 0.030" triple wipe brass **Terminal & ground screws:** N/A

Compliances, specifications and availability are subject to change without notice.

Isolated ground receptacles

Product description

2-pole, 3-wire grounding
15A, 125V/AC; 15A, 250V/AC; 20A, 125V/AC; 20A, 250V/AC
NEMA 5-15, 5-20, 6-15, 6-20

Receptacle type	Hospital grade - decorator duplex receptacles IG8200, IG8300 and IG8400 series duplex receptacles; IG8262 and IG8362 series	Hospital grade - single receptacles IG8210, IG8310
Wiring type	Back & side wire	Back & side wire
Testing & code compliance	• Listed to UL498, file no. E15058 • UL verified to Federal Spec. WC-596G • CSA certified to C22.2, no. 42, file no. 6914, class 6233-01 • NOM certified	• Listed to UL498, file no. E15058 • UL verified to Federal Spec. WC-596G • CSA certified to C22.2, no. 42, file no. 6914, class 6233-01 • NOM certified
Environmental specifications	**Flammability:** Meets UL94 requirements; V2 rated **Temperature rating:** -20°C to 70°C (-4°F to 158°F)	**Flammability:** Meets UL94 requirements; V2 rated **Temperature rating:** -20°C to 70°C (-4°F to 158°F)
Electrical specifications	**Dielectric voltage:** Withstands 2000V per UL498 **Current interrupting:** Yes, at full-rated current **Temperature rise:** Max. 30°C (86°F) after 250 cycles of overload @ 200% of rated current (DC)	**Dielectric voltage:** Withstands 2000V per UL498 **Current interrupting:** Yes, at full-rated current **Temperature rise:** Max. 30°C (86°F) after 250 cycles of overload @ 200% of rated current (DC)
Mechanical specifications	**Terminal accommodation:** #14 - #10 AWG **Voltage ratings:** Permanently marked on device	**Terminal accommodation:** #14 - #10 AWG **Voltage ratings:** Permanently marked on device
Materials:	**Top housing:** Nylon **Bottom housing:** Glass-filled nylon **Strap:** 0.05" thick steel, nickel plated, 1-piece ground shunt **Isolated ground contact:** 1-piece isolated ground shunt **Auto ground clip:** Brass **Line contacts:** Exclusive 0.031" thick 5-leaf brass **Terminal & ground screws:** Terminal: #8-32 brass, neutral screw nickel plated, Ground: #8-32 brass, green **Screw terminal guards:** PVC hinged doors	**Top housing:** Nylon **Bottom housing:** Nylon **Strap:** 0.050" zinc plate gold iridite **Isolated ground contact:** 0.050" thick solid brass, one piece **Auto ground clip:** Phosphor bronze **Line contacts:** 0.037" thick 3-leaf brass **Terminal & ground screws:** #8-32 brass, neutral screw nickel plated, hot screw brass plated, ground screw green

Compliances, specifications and availability are subject to change without notice.

Isolated ground receptacles

Product description

2-pole, 3-wire grounding
15A, 125V/AC; 15A, 250V/AC; 20A, 125V/AC; 20A, 250V/AC
NEMA 5-15, 5-20, 6-15, 6-20

Receptacle type	Industrial grade - duplex receptacles AHIG5262, AHIG5362, AHIG5462, AHIG5662 series	Construction grade - isolated ground duplex receptacles IG5262, IG5362	Industrial grade - single receptacles IG5261, IG5361, IG5461 and IG5661 series
Wiring type	Back & side wire	Back & side wire	Back & side wire
Testing & code compliance	• Listed to UL498, file no. E15058 • UL verified to Federal Spec. WC-596G • CSA certified to C22.2, no. 42,file no. 6914, class 6233-01 • NOM certified	• Listed to UL498, file no. E15058 • UL verified to Federal Spec. WC-596G • CSA certified to C22.2, no. 42, file no. 6914, class 6233-01 • NOM certified	• Listed to UL498, file no. E15058 • UL verified to Federal Spec. WC-596G (except IG5661) • CSA certified to C22.2, no. 42, file no. 6914, class 6233-01 • NOM certified
Environmental specifications	**Flammability:** Meets UL94 requirements; V2 rated **Temperature rating:** -20°C to 70°C (-4°F to 158°F)	**Flammability:** Meets UL94 requirements; V2 rated **Temperature rating:** -20°C to 70°C (-4°F to 158°F)	**Flammability:** Meets UL94 requirements; V2 rated **Temperature rating:** -20°C to 70°C (-4°F to 158°F)
Electrical specifications	**Dielectric voltage:** Withstands 2000V per UL498 **Current interrupting:** Yes, at full-rated current **Temperature rise:** Max. 30°C (86°F) after 250 cycles of overload @ 200% of rated current (DC)	**Dielectric voltage:** Withstands 2000V per UL498 **Current interrupting:** Yes, at full-rated current **Temperature rise:** Max. 30°C (86°F) after 250 cycles of overload @ 200% of rated current (DC)	**Dielectric voltage:** Withstands 2000V per UL498 **Current interrupting:** Yes, at full-rated current **Temperature rise:** Max. 30°C (86°F) after 250 cycles of overload @ 200% of rated current (DC)
Mechanical specifications	**Terminal accommodation:** #14 - #10 AWG **Voltage ratings:** Permanently marked on device	**Terminal accommodation:** #14 - #10 AWG **Voltage ratings:** Permanently marked on device	**Terminal accommodation:** #14 - #10 AWG **Voltage ratings:** Permanently marked on device
Materials	**Top housing:** Nylon **Bottom housing:** Glass-filled nylon **Strap:** 0.050" thick galvanized steel, 1-piece ground shunt **Isolated ground contact:** 1-piece isolated ground shunt **Auto ground clip:** Brass **Line contacts:** Exclusive 0.031" thick 5-leaf brass **Terminal & ground screws:** Terminal: #8-32 brass, neutral screw nickel plated, Ground: #8-32 brass, green **Screw terminal guards:** PVC hinged doors	**Top housing:** Nylon **Bottom housing:** Nylon **Strap:** 0.050" thick steel, 1-piece ground shunt **Isolated ground contact:** 1-piece isolated ground shunt **Auto ground clip:** Brass **Line contacts:** 0.03" thick brass **Terminal & ground screws:** Terminal: #8-32 steel, brass plated, Ground: #8-32 steel, zinc plated	**Top housing:** Nylon **Bottom housing:** Nylon **Strap:** 0.050" zinc plate gold iridite **Isolated ground contact:** 0.050" thick solid brass, one piece **Auto ground clip:** Phosphor bronze **Line contacts:** 0.037" thick 3-leaf brass **Terminal & ground screws:** #8-32 brass, neutral screw nickel plated, hot screw brass plated, ground screw green

Compliances, specifications and availability are subject to change without notice.

SECTION J

Hospital Grade Devices

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Hospital grade families

Reliable healthcare device solutions

Arrow Hart specification grade and hospital grade devices deliver the innovation, performance, construction, and design advantages that medical services environments demand

Hospital grade straight blade plugs & connectors

Arrow Hart hospital grade plugs & connectors are available in both the safety grip and auto grip styles, and are built tough to withstand physical and chemical abuse and deliver dependable electrical continuity.

Hospital grade straight blade receptacles

Our hospital grade receptacles fulfill the demand for long-term reliability, low maintenance and assured performance in any of Arrow Hart's broad line of duplex, decorator, single, panel mount and isolated ground receptacles.

Power-lock hospital use & mobile x-ray devices

Designed to fulfill the requirements of hospital standards for non-interchangeability with regular wiring devices and the added safety of energizing within a sealed chamber, Arrow Hart offers power-lock devices that are available in 20A, 50A & 60A configurations for hospital use and mobile x-ray equipment.

Hospital grade GFCI & SPD devices

Choose Arrow Hart GFCIs or tamper resistant GFCIs to protect personnel, patients and children from the risks of electric shock. Our surge protection and isolated ground receptacles offer dependable protection for today's sensitive electronic equipment.

LED accent lights

Arrow Hart's innovative LED accent lights with advanced LED technology provide functional, yet aesthetically pleasing task lighting or pathway illumination that can stand up to tough abuse in interior and exterior applications throughout healthcare facilities from patient rooms to outdoor landscapes.

Compliances, specifications and availability are subject to change without notice.

ArrowLink modular connectors

Arrow Hart's factory terminated ArrowLink system revolutionizes device installation, unleashing ground breaking labor savings in installation and maintenance by eliminating traditional pigtailing, terminal connections and taping. Use ArrowLink on your next job to reduce labor costs, eliminate installation errors, save money and win!

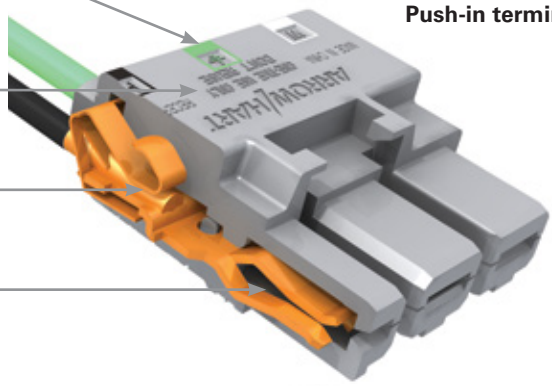
Features & benefits

Color coded terminals for consistent, reliable connections

Durable polycarbonate housing

Terminal accommodation #12 - #14 AWG, solid only

Copper alloy contacts for superior wire retention and minimized heat rise



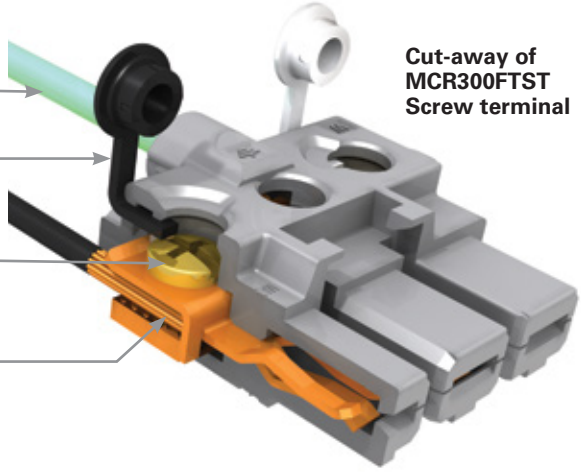
Cut-away of MCR300FTPI Push-in terminal

6", #12 AWG ground lead with ring terminal and captive ground screw

Color coded terminal screws guard caps

Color coded terminal screws

Terminal accommodation #12 - #14 AWG, solid or stranded



Cut-away of MCR300FTST Screw terminal

How to order

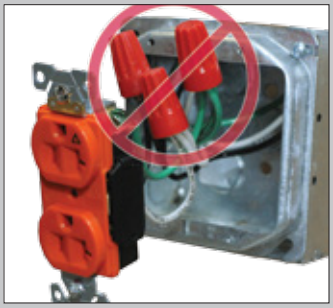
1. Select a device to ArrowLink enable. Catalog pages identify available products-simply add an "M" to the catalog number and the devices will be factory enabled with the ArrowLink device-side connection. (For GFCIs add "MOD" suffix)

2. Choose from leaded or unleaded ArrowLink connector versions in screw-down or push-in models.

3. Place your order and get your ArrowLink devices in bulk packed boxes, shipped within 5 days of receipt of order!

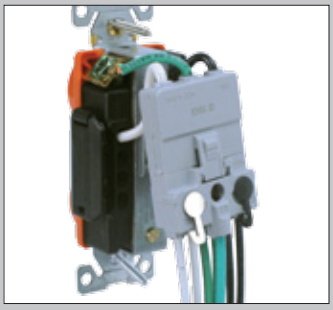
Compliances, specifications and availability are subject to change without notice.

ArrowLink SPD benefits



Ease of installation:
No more twist-on wire connectors

50% Time savings:
SPD accelerates both rough-in & trim out installation

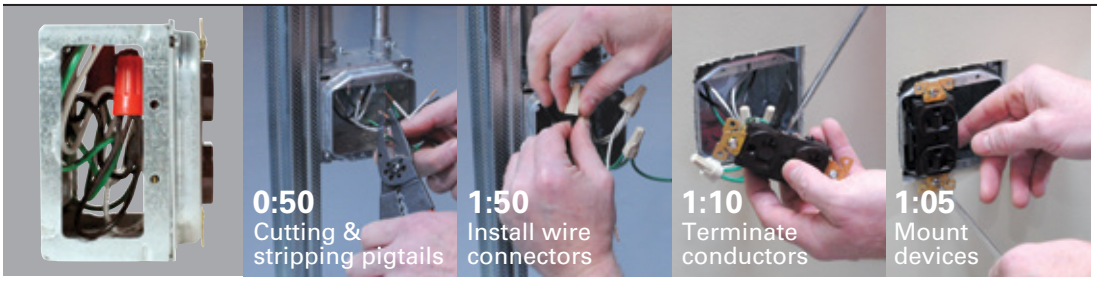


Efficient design:
Low profile connection with feed-through capability

30% Reduction
in wire volume inside the box

ArrowLink SPD comparative labor savings analysis

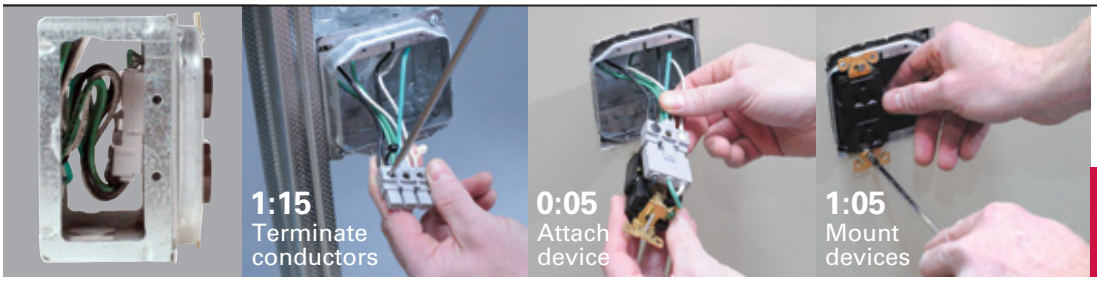
Traditional pigtail installation



4:55/Receptacle

Total time required to install 500 pigtail devices:
40.97 Hours

ArrowLink SPD installation



2:25/Receptacle

Total time required to install 500 ArrowLink SPD devices:
20.13 Hours

Time saved with SPD
20.84 Hours

Leaded ArrowLink receptacle connectors

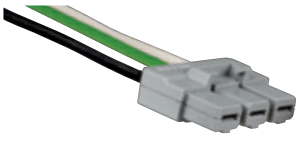
Device type	Description	Catalog no.
Receptacle	Solid wire leads – 125V	☐ MCR125SOL
	Stranded wire leads – 125V	☐ MCR125STR
	Solid wire leads – 250V	☐ MCR250SOL
	Stranded wire leads – 250V	☐ MCR250STR

ArrowLink SPD receptacle connectors

Device type	Description	Catalog no.
Receptacle	Screw terminal	☐ MCR300FTST
	Screw terminal, no ground conductor	☐ MCR300FTSTNG
	Push-in	☐ MCR300FTPI
	Push-in, no ground conductor	☐ MCR300FTPING

ArrowLink accessories

Device type	Description	Catalog no.
Circuit tester	Tests receptacle & ArrowLink connectors	☐ ALTESTER



MCR125STR
Leaded ArrowLink connector

MCR300FTST
Screw terminal

MCR300FTPI
Push-in terminal

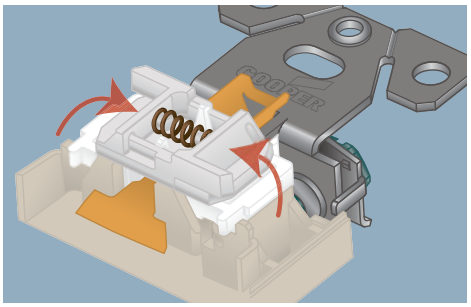
ALTESTER
Circuit tester

Compliances, specifications and availability are subject to change without notice.

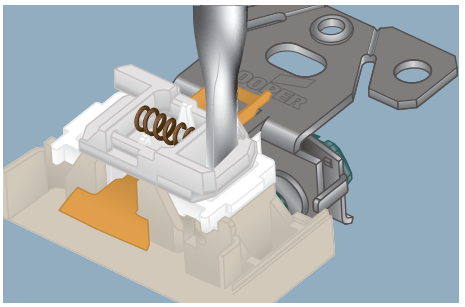
Hospital grade device options

Tamper resistant, weather resistant, and tamper & weather resistant receptacles

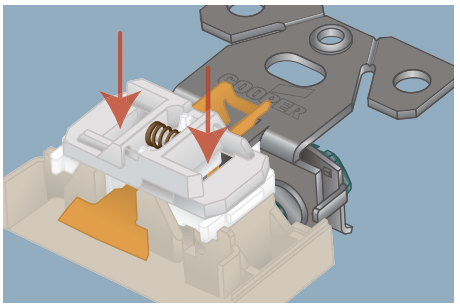
How the tamper resistant system works:



Shutters restrict access in closed position.



Insertion of object in only one side will not open shutters.



Insertion of two-bladed plug or grounding plug will open shutters.

TR TAMPER RESISTANT — "TR" mold mark provides quick visual confirmation of tamper resistance when installed.

WR WEATHER RESISTANT — "WR" identifier quickly indicates during inspections that a weather resistant receptacle has been installed.

TWR TAMPER & WEATHER RESISTANT — Both the "TR" mold mark and "WR" identifier are clearly visible in the finished installation, indicating double-layer protection for maximum safety.

A) 2014 NEC – 517.18 (C) Pediatric locations

Receptacles located within the rooms, bathrooms, playrooms, activity rooms and patient care areas of pediatric wards shall be listed under tamper resistant or employ a listed tamper resistant cover.

B) 2014 NEC – 406.12 (B) TR for guest rooms and suites

All nonlocking type, 125V, 15- and 20-amp receptacles located in guest rooms and suites shall be listed tamper resistant receptacles.

C) 2014 NEC – 406.9 (A)(B) Receptacles in damp or wet locations

All 15- and 20-amp, 125- and 250-volt non-locking receptacles installed in wet or damp locations shall be weather resistant receptacles.

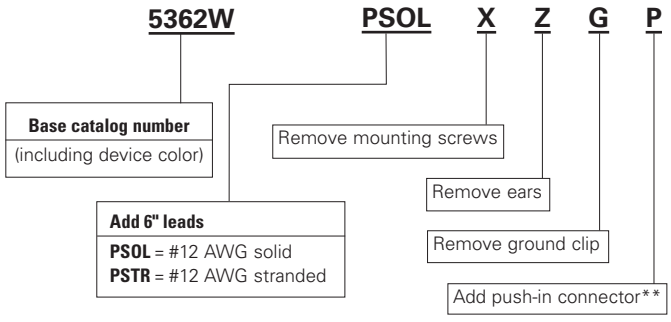
Build-to-spec

For receptacles, switches, GFCIs & SPD devices

Modified at the factory to improve efficiency and speed production at the job site. Arrow Hart's build-to-spec program provides customized device solutions to simplify your project and maximize your bottom line.

Build-to-spec sample number:
5362W

Note:
Arrow Hart 20A 125V NEMA 5-20 blue SPD surge protection receptacle, with wire leads and push-in connectors, without mounting screws, ears, or grounding clip.



**For use with leaded devices only. Add "PSOL" to back of device catalog number for 6" of #12 AWG solid or "PSTR" for 6" of #12 AWG stranded. (Example: 8300BLSPSOL + build to spec options).

All devices are bulk packed 50 pieces per carton. Minimum order quantity is 100 pieces. Orders under 500 pieces ship within 5 days with larger quantities typically within 10 days.

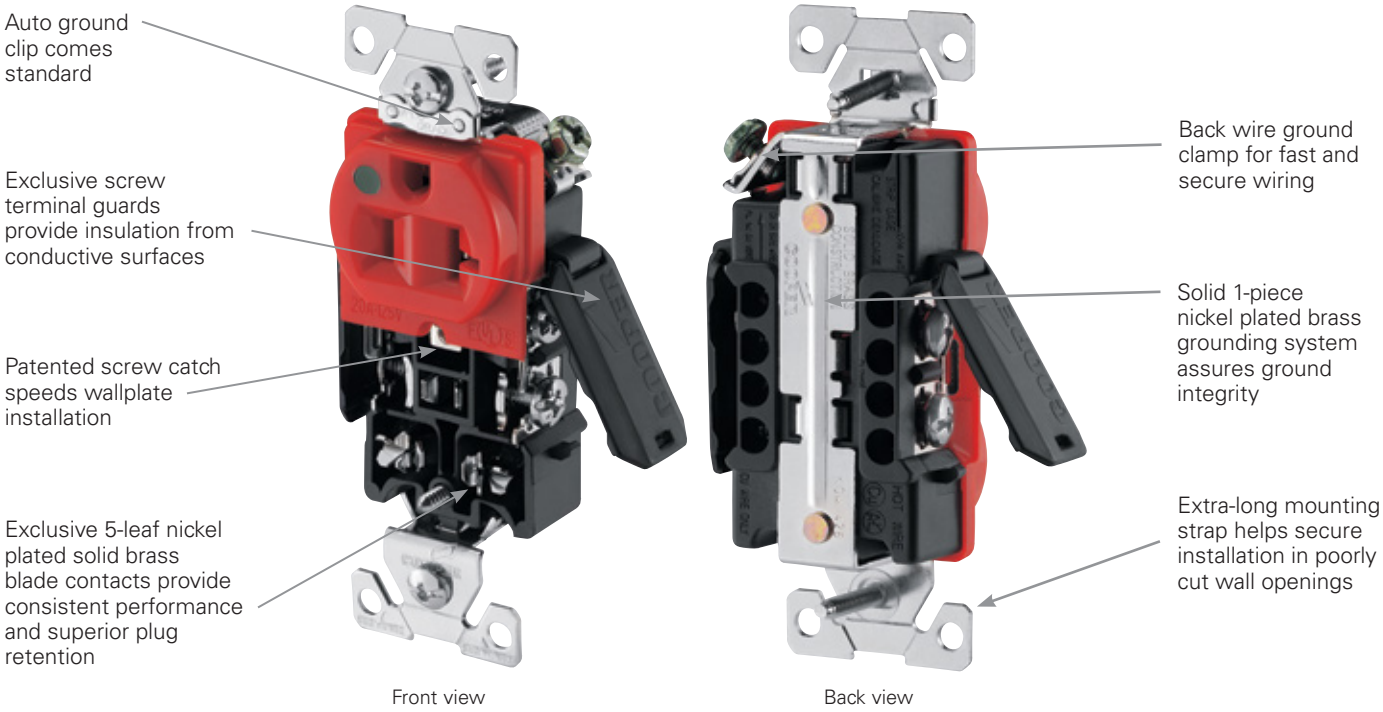
Compliances, specifications and availability are subject to change without notice.

Hospital grade straight blade receptacles

Performance, longevity, reliability

In today's healthcare environment the power to save lives begins with the electrical system. Downtime is not an option and the right receptacle can make the difference in critical situations

Premium hospital grade AH8200, AH8300 series features & benefits



Additional features & benefits

- Available in 15A & 20A duplex & single configurations, including lighted, tamper resistant and ArrowLink modular styles
- Glass-filled nylon base provides superior strength and heat resistance
- Convenient built-in #10 and #12 AWG wire strippers
- High impact- and chemical-resistant nylon face holds structural integrity
- Tri-head combination brass terminal screws are backed out and ready to wire

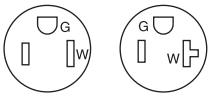
Compliances, specifications and availability are subject to change without notice.

Straight blade receptacles

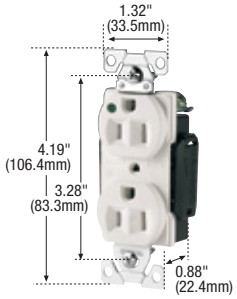
Hospital grade straight blade receptacles

Product description

2-pole, 3-wire grounding
15A, 125V/AC; 20A, 125V/AC
NEMA 5-15R, 5-20R



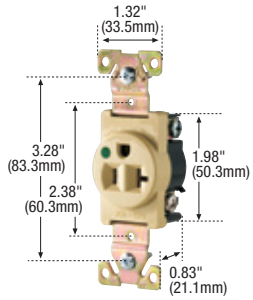
5-15R 5-20R



AH8200

Premium hospital grade receptacles

Rating A	V/AC	NEMA	Description	Color suffix	Catalog no.				
15	125	5-15R	Duplex receptacle, back & side wire	B, BK, GY, RD, V, W	☐ AH8200__	•	•		•
			Illuminated duplex receptacle, back & side wire	V, W	☐ AH8200LT__	•	•		
			Single receptacle, back & side wire	B, GY, V, W	☐ 8210__		•	•	•
20	125	5-20R	Duplex receptacle, back & side wire	B, BK, GY, LA, RD, V, W	☐ AH8300__	•	•		•
			Illuminated duplex receptacle, back & side wire	RD, V	☐ AH8300LT__	•	•		
			Single receptacle, back & side wire	B, RD, V, W	☐ 8310__	•	•	•	•



8310

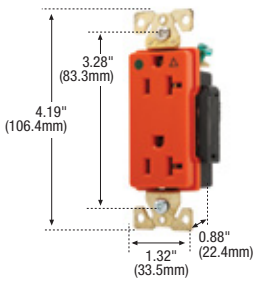
Premium decorator hospital grade receptacles

Rating A	V/AC	NEMA	Description	Color suffix	Catalog no.			
15	125	5-15R	Duplex receptacle, back & side wire	GY, RD, V, W	☐ 8262__		•	•	•
			Illuminated duplex receptacle, back & side wire	V, W	☐ 8262LT__		•		
20	125	5-20R	Duplex receptacle, back & side wire	B, BK, GY, RD, V, W	☐ 8362__		•	•	•
			Illuminated duplex receptacle, back & side wire	RD, V, W	☐ 8362LT__		•		

Isolated ground premium hospital grade receptacles

Rating A	V/AC	NEMA	Description	Color suffix	Catalog no.				
15	125	5-15R	IG duplex receptacle, back & side wire	GY, RD, RN, V, W	☐ IG8200__	•	•		•
			IG single receptacle, back & side wire	RN	☐ IG8210*		•	•	•
			IG decorator duplex receptacle, back & side wire	GY, RN, V, W	☐ IG8262__	•	•		•
20	125	5-20R	IG duplex receptacle, back & side wire	GY, RD, RN, V, W	☐ IG8300__	•	•		•
			IG single receptacle, back & side wire	RN	☐ IG8310*		•	•	•
			IG decorator duplex receptacle, back & side wire	GY, RN, V, W	☐ IG8362__	•	•		•

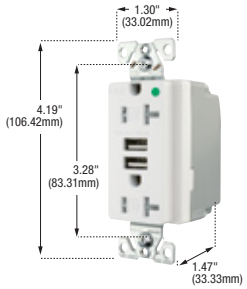
*Not Fed. Spec.



IG8362

USB charger with hospital grade tamper resistant receptacle

Receptacle Rating A	V/AC	USB Rating Amp	V/DC	Description	Color suffix	Catalog no.
15	125	3.1	5	USB charger with hospital grade tamper resistant duplex receptacle	GY, LA, RD, V, W	☐ TR8255__
20	125	3.1	5	USB charger with hospital grade tamper resistant duplex receptacle	GY, LA, RD, V, W	☐ TR8355__



TR8355

Color ordering information:

For ordering devices, include Catalog no. followed by the Color suffix: B (Brown), BK (Black), GY (Gray), LA (Light Almond), RD (Red), RN (Orange), V (Ivory), W (White)

B	BK	GY	LA	RD	RN	V	W
(Brown)	(Black)	(Gray)	(Lt. Almond)	(Red)	(Orange)	(Ivory)	(White)

Specification information:
Premium HG receptacles: A-26
ArrowLink premium HG Receptacles: A-30 & A-31
Isolated ground premium HG receptacles: A-27

Compliances, specifications and availability are subject to change without notice.

ArrowLink option available. Add "M" suffix to standard catalog number (example AH8300W, AH8300WM). For ordering information on ArrowLink & ArrowLink SPD connectors, see Page J-9

TR Tamper resistant

Build-to-spec customizable devices - Page J-10

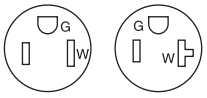
Indicates NAFTA compliant - Page Q-32

RoHS compliant - Page Q-32

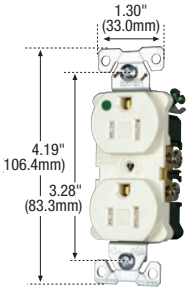
Hospital grade straight blade receptacles

Product description

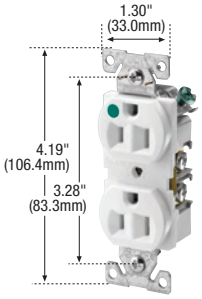
2-pole, 3-wire grounding
15A, 125V/AC; 20A, 125V/AC
NEMA 5-15R, 5-20R



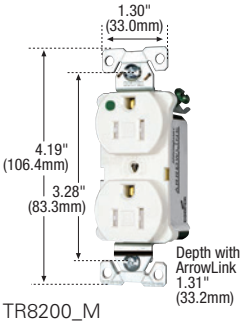
5-15R 5-20R



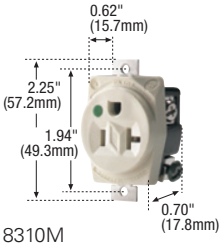
TR8200



8200



TR8200_M



8310M

Tamper resistant hospital grade receptacles

Rating A	V/AC	NEMA	Description	Color suffix	Catalog no.			
15	125	5-15R	Duplex receptacle, back & side wire	GY, RD, V, W	☐ TR8200__	•	•	•
20	125	5-20R	Duplex receptacle, back & side wire	B, GY, RD, V, W	☐ TR8300__	•	•	•

Hospital grade receptacles

Rating A	V/AC	NEMA	Description	Color suffix	Catalog no.			
15	125	5-15R	Duplex receptacle, back & side wire	B, GY, RD, V, W	☐ 8200__	•	•	•
20	125	5-20R	Duplex receptacle, back & side wire	B, GY, LA, RD, V, W	☐ 8300__	•	•	•

Panel-mount special use hospital grade single receptacles

Rating A	V/AC	NEMA	Description	Color suffix	Catalog no.		
15	125	5-15R	Strap center to center spacing = 1.9375" (49.2mm), back & side wire	V	☐ 8210M	•	•
20	125	5-20R	Strap center to center spacing = 1.9375" (49.2mm), back & side wire	RD, V	☐ 8310M__	•	•

Accessories for hospital grade NEMA 5-15 & 5-20 receptacles

Description	Catalog no.		
2-Gang, standard size duplex receptacle pre-marked stainless steel wallplate "emergency"	☐ EM93102	•	•
1-Gang, mid-size duplex receptacle wallplate, ivory / "GFCI protected"	☐ PJ8GFV		•
2-Gang, mid-size duplex receptacle pre-marked wallplate, red / "emergency"	☐ PJ82EMRD		•

EM93102

PJ8GFV

PJ82EMRD

Color ordering information:

For ordering devices, include Catalog no. followed by the Color suffix: B (Brown), GY (Gray), LA (Light Almond), RD (Red), V (Ivory), W (White)

B	GY	LA	RD	V	W
(Brown)	(Gray)	(Lt. Almond)	(Red)	(Ivory)	(White)

Specification Information:
HG receptacles: A-29
ArrowLink HG receptacles: A-29
Tamper resistant HG receptacles: A-28
Panel mount HG receptacles: A-28

Compliances, specifications and availability are subject to change without notice.

ArrowLink option available. Add "M" suffix to standard catalog number (example AH8300W, AH8300WM). For ordering information on ArrowLink & ArrowLink SPD connectors, see Page J-2

Tamper resistant

Build-to-spec customizable devices - Page J-10

Indicates NAFTA compliant - Page Q-32

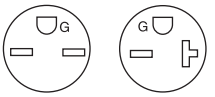
RoHS compliant - Page Q-32

Straight blade receptacles

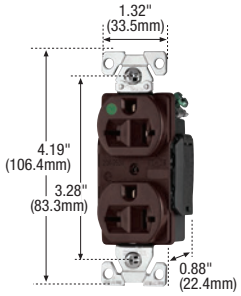
Hospital grade straight blade receptacles

Product description

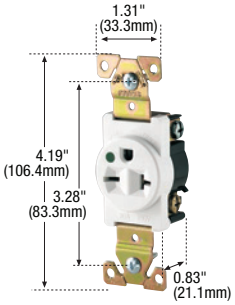
2-pole, 3-wire grounding
15A, 250V/AC; 20A, 250V/AC
NEMA 6-15R, 6-20R



6-15R **6-20R**



AH8400



8410

Premium hospital grade receptacles

Rating A	Rating V/AC	NEMA	Description	Color suffix	Catalog no.				
15	250	6-15R	Duplex receptacle, back & side wire	V, W	☐ AH8600__	•	•		•
			Single receptacle, back & side wire	V, W	☐ 8610__		•	•	•
20	250	6-20R	Duplex receptacle, back & side wire	B, GY, RD, V, W	☐ AH8400__	•	•		•
			Single receptacle, back & side wire	B, RD, V, W	☐ 8410__		•	•	•

Accessories for hospital grade NEMA 6-15 & 6-20 receptacles

Description	Color suffix	Catalog no.			
1-Gang standard size duplex receptacle nylon wallplate	V	☐ 5132V			•	•
1-Gang mid-size duplex receptacle polycarbonate wallplate	LA	☐ PJ8LA				•

5132V

PJ8LA

Color ordering information:

For ordering devices, include Catalog no. followed by the Color suffix: B (Brown), GY (Gray), LA (Light Almond), RD (Red), V (Ivory), W (White)

B	GY	LA	RD	V	W
(Brown)	(Gray)	(Lt. Almond)	(Red)	(Ivory)	(White)

Compliances, specifications and availability are subject to change without notice.

ArrowLink option available. Add "M" suffix to standard catalog number (example AH8300W, AH8300WM). For ordering information on ArrowLink & ArrowLink SPD connectors, see Page J-9

Build-to-spec customizable devices - Page J-10

Indicates NAFTA compliant - Page Q-32

RoHS compliant - Page Q-32

Specification information:
Premium HG receptacles: A-26
ArrowLink premium HG receptacles: A-30 & A-31

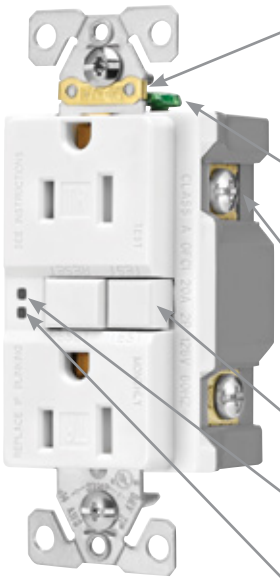
Hospital grade protection devices

Arrow Hart's line of hospital grade GFCI, surge, and isolated ground devices provide protection for both people and sensitive electronic equipment

Surge protection plus features & benefits

- Audible alarm signals when transient voltage protection has expired
- Green LED indicators to verify transient voltage protection and wiring diagnostics
- Front access switch for muting audible alarm until device is replaced
- Provides surge protection for hot to neutral, hot to ground and neutral to ground

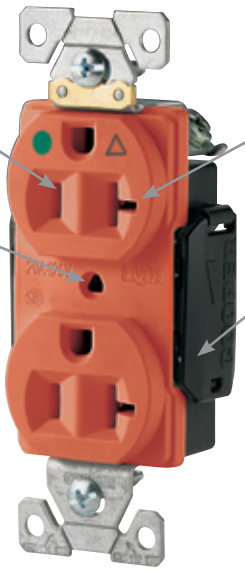
Ground fault circuit interrupter features & benefits



- Automatic grounding system eliminates need for bonding jumper in grounded metal enclosure, provides redundant measure of ground continuity where jumper is used
- Ground termination with back wire clamp provides secure wiring and reduces installation time
- Line side terminals are backed out and staked for fast installation
- Horizontal test/reset button alignment provides larger unobstructed area
- Visual indicator lights give quick notification of a tripped or "end of life" condition
- Status indicator light illuminates if self test detects loss of GFCI protection

Meets and exceeds 10ka short circuit testing and underwriters laboratories (UL) 2006 UL943 safety standards

Isolated ground straight blade receptacles features & benefits



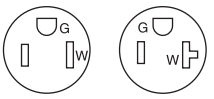
- Exclusive 5-leaf brass line contacts ensure smooth plug blade insertion and long-term retention
- Screw catch feature on duplex devices speeds mounting of wallplates
- Exclusive 0.030" (0.76mm) solid brass non riveted, one piece isolated grounding shunt
- Exclusive screw terminal guards provide fast, easy insulation from conductive surfaces

GFCI & surge protection receptacles

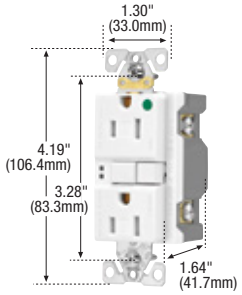
Hospital grade self-test GFCI receptacles

Product description

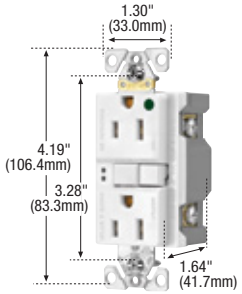
2-pole, 3-wire grounding
15A, 125V/AC; 20A, 125V/AC
NEMA 5-15R, 5-20R



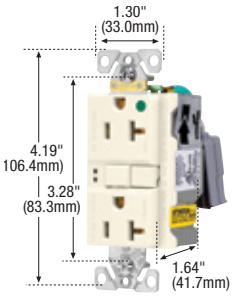
5-15R 5-20R



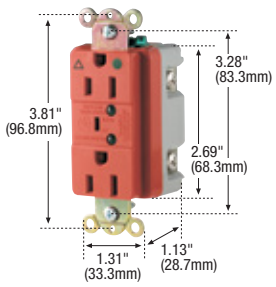
TRSGFH15



SGFH15



SGFH20_MOD



IG8200HG_S

Premium hospital grade receptacles

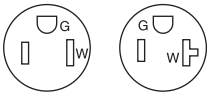
Rating A	V/AC	NEMA	Description	Color suffix	Catalog no.				
15	125	5-15R	Hospital GFCI, back & side wire	B, GY, LA, RD, V, W	☐ SGFH15__	•	•		
			Hospital GFCI, back & side wire	B, GY, LA, RD, V, W	☐ SGFH15F__	•	•	•	•
			Tamper resistant hospital GFCI, back & side wire	B, BK, GY, LA, RD, V, W	☐ TRSGFH15__	•	•		
			Tamper resistant hospital GFCI, back & side wire	B, GY, LA, RD, V, W	☐ TRSGFH15F__	•	•	•	•
20	125	5-20R	Hospital GFCI, back & side wire	B, GY, LA, RD, V, W	☐ SGFH20__	•	•		
			Hospital GFCI, back & side wire	B, GY, LA, RD, V, W	☐ SGFH20F__	•	•	•	•
			Tamper resistant hospital GFCI, back & side wire	B, BK, GY, LA, RD, V, W	☐ TRSGFH20__	•	•		
			Tamper resistant hospital GFCI, back & side wire	B, GY, LA, RD, V, W	☐ TRSGFH20F__	•	•	•	•

Includes standard size unbreakable wallplate

Hospital grade surge protection receptacles with LED indicators & audible alarm

Product description

2-pole, 3-wire grounding
15A, 125V/AC
20A, 125V/AC
NEMA 5-15R, 5-20R



5-15R 5-20R

Surge protection receptacles w/audible alarm & LED indicators

Rating A	V/AC	NEMA	Description	Color suffix	Catalog no.		
15	125	5-15R	Hospital grade duplex receptacle, back & side wire	BL, RD, V, W	☐ 8200__S	•	•
			IG hospital grade duplex receptacle, back & side wire	BL, RN, V, W	☐ IG8200HG__S	•	•
20	125	5-20R	Hospital grade duplex receptacle, back & side wire	BL, RD, V, W	☐ 8300__S	•	•
			IG hospital grade duplex receptacle, back & side wire	BL, RN, V, W	☐ IG8300HG__S	•	•

560 Joules, max. surge current - 18kA, MCOV - 150V/AC

Color ordering information:

For ordering devices, include Catalog no. followed by the Color suffix: B (Brown), BK (Black), BL (Blue), GY (Gray), LA (Light Almond), RD (Red), V (Ivory), W (White)

B	BK	BL	GY	LA	RD	V	RN	W
(Brown)	(Black)	(Blue)	(Gray)	(Lt. Almond)	(Red)	(Ivory)	(Orange)	(White)

Specification information:
Hospital grade GFCI: H-9
Surge protection receptacles with audible alarm & LED: I-20

Compliances, specifications and availability are subject to change without notice.

ArrowLink option available. Add "MOD" suffix to standard catalog number (example TRSGFH15W, TRSGFH15WMOD). For ordering information on ArrowLink & ArrowLink SPD connectors, see Page J-9

Tamper resistant

Build-to-spec customizable devices - Page J-10

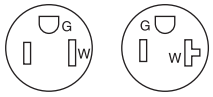
Indicates NAFTA compliant - Page Q-32

RoHS compliant - Page Q-32

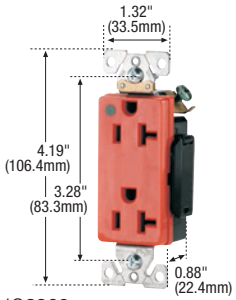
Hospital grade isolated ground straight blade receptacles

Product description

2-pole, 3-wire grounding
15A, 125V/AC; 20A, 125V/AC
NEMA 5-15R, 5-20R



5-15R 5-20R

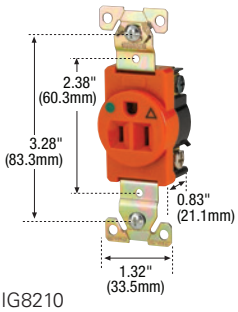


IG8362

Isolated ground duplex and single straight blade receptacles

Rating A	V/AC	NEMA	Description	Color suffix	Catalog no.				
15	125	5-15R	IG hospital grade duplex receptacle, back & side wire	GY, RD, RN, V, W	☐ IG8200__	•	•		•
			IG hospital grade decorator duplex receptacle, back & side wire	GY, RN, V, W	☐ IG8262__	•	•		•
			IG hospital grade single receptacle, back & side wire	RN	☐ IG8210*		•	•	•
20	125	5-20R	IG hospital grade duplex receptacle, back & side wire	GY, RD, RN, V, W	☐ IG8300__	•	•		•
			IG hospital grade decorator duplex receptacle, back & side wire	GY, RN, V, W	☐ IG8362__	•	•		•
			IG hospital grade single receptacle, back & side wire	RN	☐ IG8310*		•	•	•

*Not Fed Spec



IG8210

Hospital grade isolated ground straight blade receptacles

Product description

2-pole, 3-wire grounding
20A, 250V/AC
NEMA 6-20R

6-20R

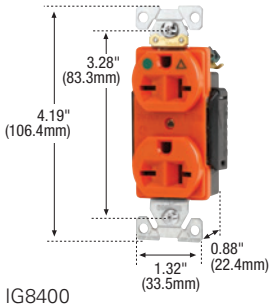
Isolated ground duplex straight blade receptacles

Rating A	V/AC	NEMA	Description	Color	Catalog no.		
20	250	6-20R	IG hospital grade duplex receptacle, back & side wire	RN	☐ IG8400RN	•	•

Accessories for hospital grade protection devices

Description	Catalog no.	
1-Gang orange duplex receptacle "isolated ground", polycarbonate	☐ PJ7IG	•

PJ7IG



IG8400

Color ordering information:

For ordering devices, include Catalog no. followed by the Color suffix: GY (Gray), RD (Red), RN (Orange), V (Ivory), W (White)

GY	RD	RN	V	W
(Gray)	(Red)	(Orange)	(Ivory)	(White)

Specification information:
IG HG duplex & decorator receptacle: I-20
IG HG single receptacle: I-20

Compliances, specifications and availability are subject to change without notice.

ArrowLink option available. Add "M" suffix to standard catalog number (example AH8300W, AH8300WM). For ordering information on ArrowLink & ArrowLink SPD connectors, see Page J-9

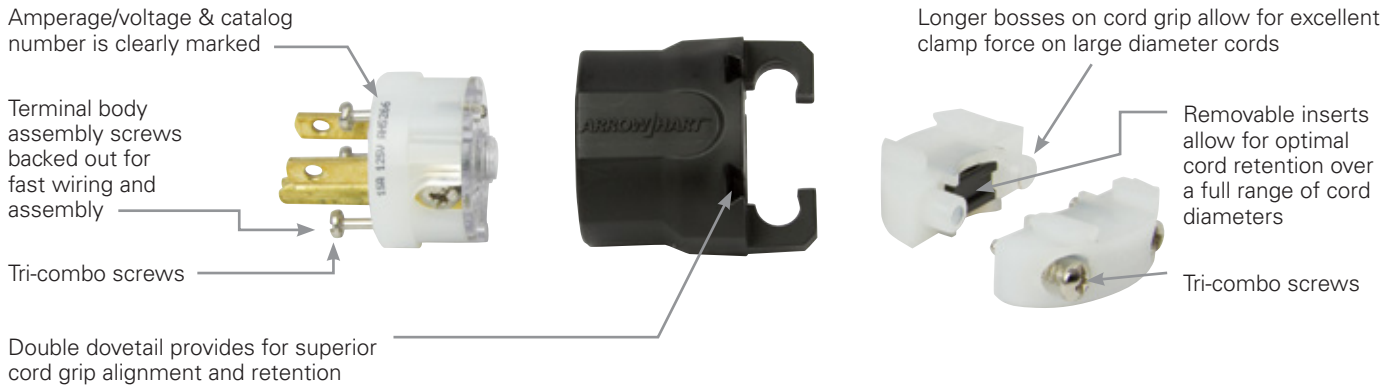
Build-to-spec customizable devices - Page J-10

Indicates NAFTA compliant - Page Q-32

RoHS compliant - Page Q-32

Safety grip & ultra grip plugs & connectors

Ultra grip straight blade plugs & connectors features & benefits



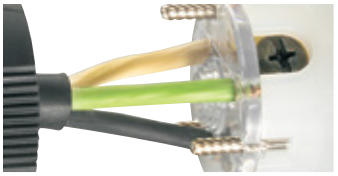
Safety grip hospital and industrial grade plugs & connectors features & benefits

Safety grip hospital grade devices exceed federal spec. and hospital grade testing for use in demanding healthcare environments

Clear terminal cover allows for easy inspection of conductors and terminations

Retained quick drive assembly screws speed installation

Four position angled plug option is ideal for applications requiring power cord to lay close to walls and floors

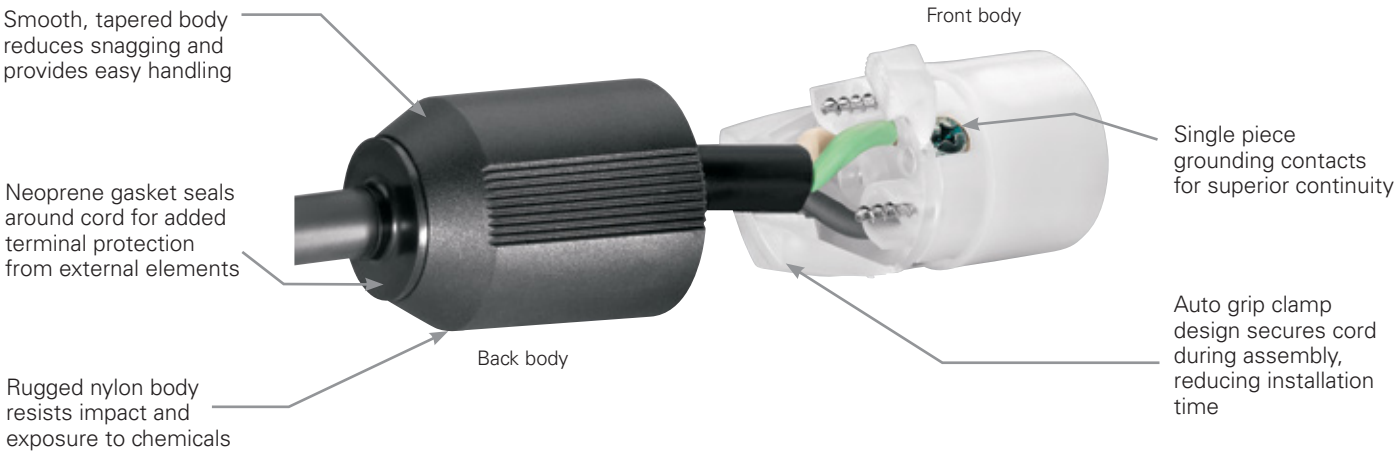


Tapered, individual wire pockets guide stranded wire into contact area for ease of installation

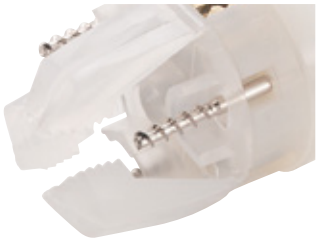
Multiple-head drive screws provide versatility for ease of use

Compliances, specifications and availability are subject to change without notice.

Auto grip hospital and industrial grade plugs & connectors features & benefits



Auto grip hospital grade devices exceed federal spec. and hospital grade testing for use in demanding healthcare environments



Unique clamp design secures cord during assembly, reducing installation time

Retained quick drive assembly screws speed installation

Multiple-head drive screws provide versatility for ease of use

Tapered, individual wire pockets guide stranded wire into contact area for ease of installation

Compliances, specifications and availability are subject to change without notice.

Straight blade plugs & connectors

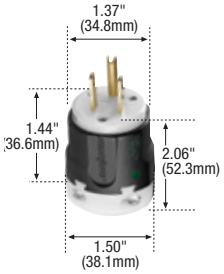
Hospital grade straight blade plugs & connectors

Product description

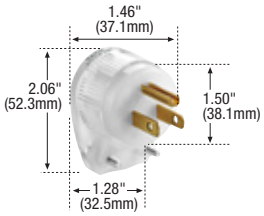
2-pole, 3-wire grounding
15A, 125V/AC
NEMA 5-15

5-15P

5-15R



AH8215HG



AH8215HGAC

AH8119W

5369NHG

Hospital grade plugs & connectors

Rating A	V/AC	NEMA	Description	Cord diameter	Color	Plug catalog no.	Connector catalog no.		
15	125	5-15	Ultra grip straight body	0.33-0.66" (7.6-16.7mm)	BK & W	☐ AH8215HG	☐ AH8219HG	•	•
			Ultra grip straight body	0.33-0.66" (7.6-16.7mm)	C	☐ AH8215HGC	☐ AH8219HGC	•	•
			Angled body	0.33-0.66" (7.6-16.7mm)	BK & W	☐ AH8215HGA	—	•	•
			Angled body	0.33-0.66" (7.6-16.7mm)	C	☐ AH8215HGAC	—	•	•
			Quick grip straight body	0.22-0.66" (5.6-16.7mm)	W	☐ AH8115W	☐ AH8119W		•
			Auto grip straight body	0.33-0.66" (8.3-16.7mm)	BK & W	☐ 5266NHG	☐ 5269NHG		•
			Auto grip isolated ground, straight body	0.33-0.66" (7.6-16.7mm)	RN	☐ IG5266NHG	—		•

Hospital grade straight blade plugs & connectors

Product description

2-pole, 3-wire grounding
15A, 125V/AC
NEMA 5-15

5-20P

5-20R

Hospital grade plugs & connectors

Rating A	V/AC	NEMA	Description	Cord diameter	Color	Plug catalog no.	Connector catalog no.		
20	125	5-20	Ultra grip straight body	0.33-0.66" (7.6-16.7mm)	BK & W	☐ AH8315HG	☐ AH8319HG	•	•
			Angled body	0.33-0.66" (7.6-16.7mm)	BK & W	☐ AH8315HGA	—	•	•
			Angled body	0.33-0.66" (7.6-16.7mm)	C	☐ AH8315HGAC	—	•	•
			Auto grip straight body	0.33-0.66" (7.6-16.7mm)	BK & W	☐ 5366NHG	☐ 5369NHG	•	•

Hospital grade dimensional Information: B-16

Specification information:
Safety grip HG plugs & connectors: B-23
Auto grip HG plugs & connectors: B-23
Quick grip HG plugs & connectors: B-23
Ultra grip HG plugs & connectors: B-23

Color information:

BK (Black), C (Clear), RN (Orange), W (White)

BK	C	RN	W
(Black)	(Clear)	(Orange)	(White)

Compliances, specifications and availability are subject to change without notice.

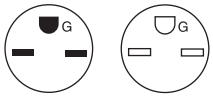
Indicates NAFTA compliant - Page Q-32

RoHS compliant - Page Q-32

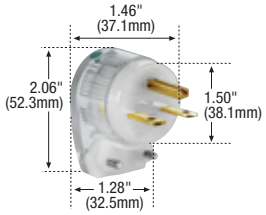
Hospital grade straight blade plugs & connectors

Product description

2-pole, 3-wire grounding
15A, 250V/AC
NEMA 6-15



6-15P 6-15R



AH8225HGAC

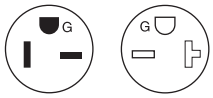
Hospital grade plugs & connectors

Rating A	V/AC	NEMA	Description	Cord diameter	Color	Plug catalog no.	Connector catalog no.		
15	250	6-15	Angled body	0.33-0.66" (7.6-16.7mm)	BK & W	☐ AH8225HGA	—	•	•
			Angled body	0.33-0.66" (7.6-16.7mm)	C	☐ AH8225HGAC	—	•	•

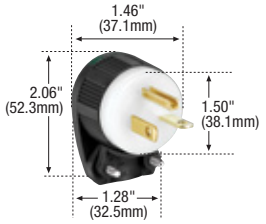
Hospital grade straight blade plugs & connectors

Product description

2-pole, 3-wire grounding
20A, 250V/AC
NEMA 6-20



6-20P 6-20R



AH8325HGA

Hospital grade plugs & connectors

Rating A	V/AC	NEMA	Description	Cord diameter	Color	Plug catalog no.	Connector catalog no.		
20	250	6-20	Angled body	0.33-0.66" (7.6-16.7mm)	BK & W	☐ AH8325HGA	—	•	•
			Angled body	0.33-0.66" (7.6-16.7mm)	C	☐ AH8325HGAC	—	•	•

Color information:
BK (Black), C (Clear), W (White)

BK	C	W
(Black)	(Clear)	(White)

Hospital grade dimensional Information: B-16

Specification information: Safety grip HG plugs & connectors: B-23

Compliances, specifications and availability are subject to change without notice.

Indicates NAFTA compliant - Page Q-32

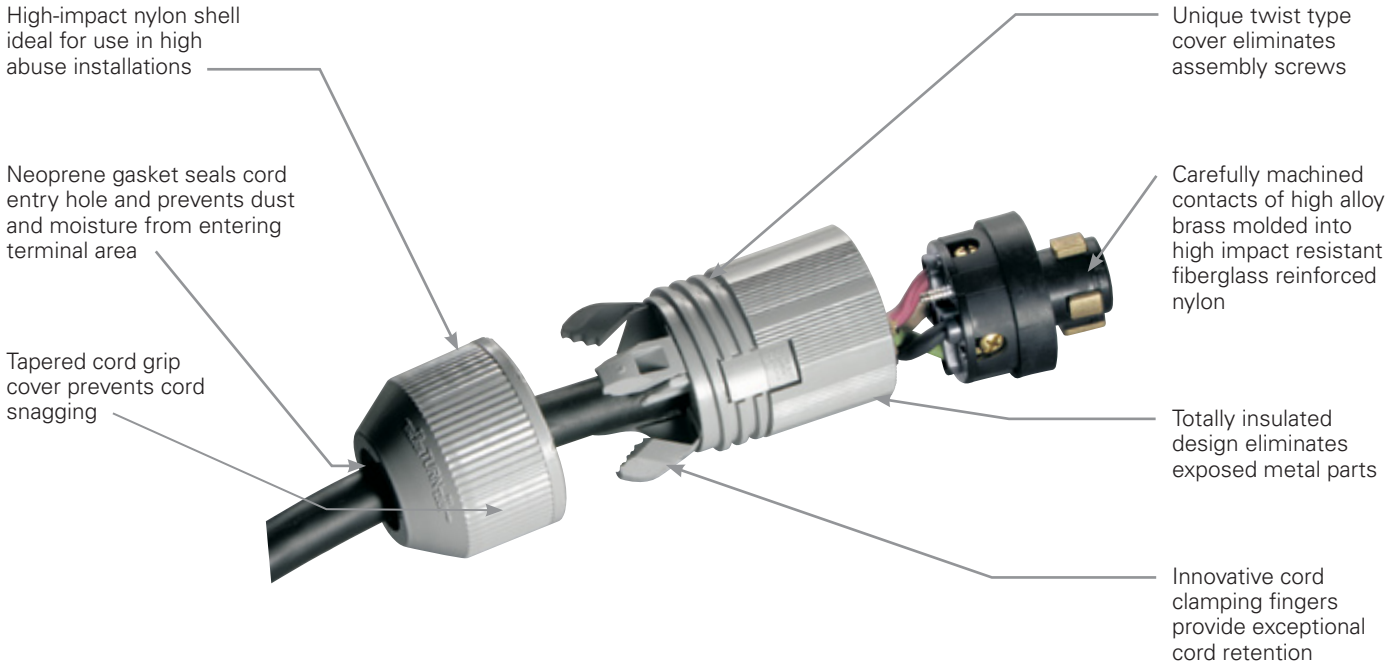
RoHS compliant - Page Q-32

Power lock devices

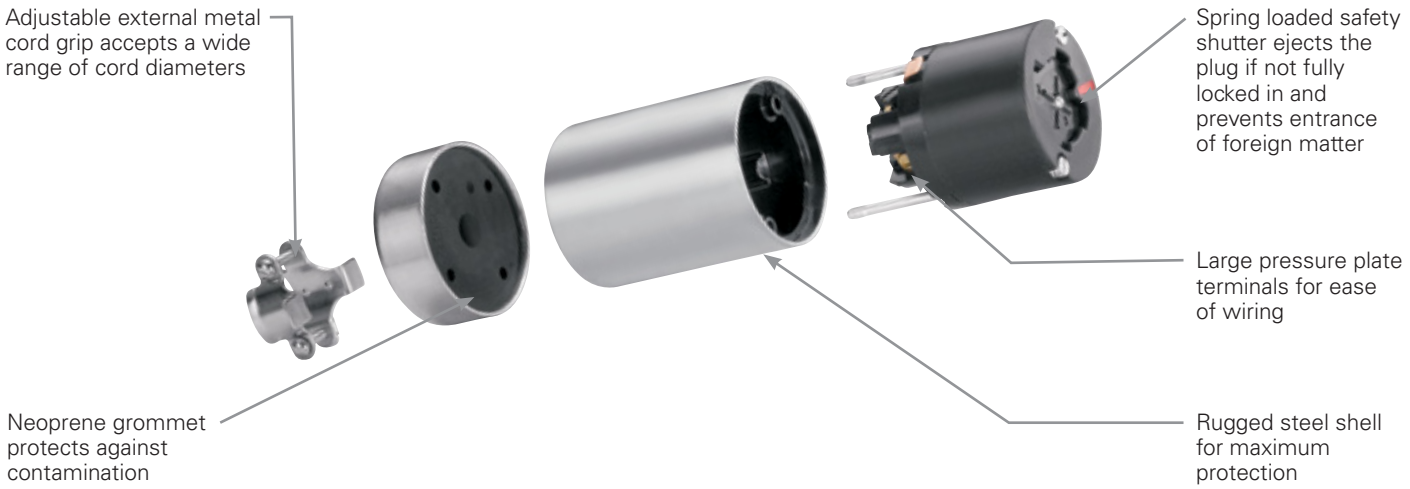
For applications where the need for a secure connection is absolute

Power lock devices are designed for safety, energizing within a chamber to eliminate the possibility of exterior arcing. They are ideal for high-abuse industrial and specialized hospital applications

Nylon power lock plugs & connectors features & benefits



Armored power lock plugs & connectors features & benefits



Power lock hospital use locking devices

Product description

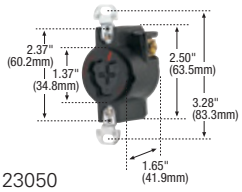
2-pole, 3-wire grounding
20A, 125V/AC
Non-NEMA

Receptacle Plug

23054

Hospital use, back wire, plugs & connectors

Rating A	Rating V/AC	Description	Cord diameter	Color	Plug catalog no.	Connector catalog no.	
20	125	Nylon "dead front" design	0.33-0.66" (8.4-16.7mm)	GY	☐ 23056N	☐ 23054N	•
		Armored "dead front" design	0.33-0.66" (8.4-16.7mm)	GY	☐ 23056	☐ 23054	•



23050

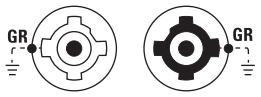
Hospital use receptacles

Rating A	Rating V/AC	Description	Color	Single receptacle	
20	125	Receptacle, not for use in hazardous areas	BK	☐ 23050	•

Power lock hospital use mobile x-ray devices

Product description

2-pole, 3-wire grounding
50A, 250V/AC; 60A, 250V/AC
Non-NEMA



Receptacle Plug

25525

Hospital use, back wire, plugs & connectors

Rating A	Rating V/AC	Description	Cord diameter	Color	Plug catalog no.
50	250	"Dead front" design	0.75-1.25" (19.1-31.8mm)	GY	☐ 25525
60	250	"Dead front" design	0.75-1.25" (19.1-31.8mm)	GY	☐ 25625

Dimensional information:
C-81

Plug specification information:
Hospital power lock: C-93
Receptacle specification information:
Hospital power lock: C-93

Color information:

BK (Black), GY (Gray)

BK (Black) GY (Gray) (Stainless Steel)

Compliances, specifications and availability are subject to change without notice.

Indicates NAFTA compliant - Page Q-32

LED combination nightlights

Product description

Single-pole
1W 120V/AC, back & side wire

7738

7737

LED accent lights features & benefits

- Nightlight is dimmable to desired setting
- Nightlight is controlled by a photo sensor that turns on in the dark, off in light
- Easily disable photo sensor for Hi/Med/Low/Off settings
- Automatic grounding system eliminates need for bonding jumper in grounded metal enclosure, provides redundant measure of ground continuity where jumper is used
- Convenient built-in wire strippers speed installation
- Backwire clamps on side terminals provide for easy installation of #12 and #14 AWG
- Thermoplastic top and back are virtually unbreakable to deliver years of durable performance
- Steel mounting strap is zinc plated for added corrosion resistance
- Ultrasonic welding and integrated construction of the strap and body provide superior ground integrity even under heavy use
- Tri-combo screw heads offer greater installation flexibility

Combination LED wallbox nightlight w/switch & full nightlight

Rating A	Rating V/AC	Description	Color suffix	Catalog no.
15	120	Single-pole switch with nightlight	A, BK, LA, V, W	☐ 7738__
		Full nightlight	A, BK, LA, V, W	☐ 7737__

Color ordering information:

For ordering devices, include Catalog no. followed by the Color suffix: A (Almond), B (Black), BN (Brushed Nickel), LA (Light Almond), V (Ivory), W (White)

A	B/BK	BN	LA	V	W
(Almond)	(Black)	(Brushed Nickel)	(Lt. Almond)	(Ivory)	(White)

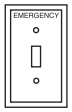
Material characteristics: Faceplate, die-cast aluminum. Back body, ABS plastic. Strap, aluminum. Wire, 18 AWG, 600V. Temperature rating: 25°C (77°F) **Specification information:** E-38
Compliances, specifications and availability are subject to change without notice.

Pre-marked special use wallplates

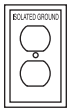
Standard size pre-marked special use wallplates

Product description

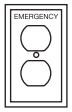
1-Gang, 2-Gang



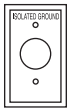
EG5134, EM93071



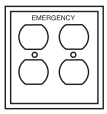
IG5132



EM5132, EM93101



IG5131



EM93102

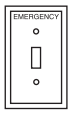
Pre-marked special use, standard size

Description	Material	Color suffix	Catalog no.		
1-Gang toggle "emergency"	Nylon	RD	☐ EM5134	•	•
	302/304 Stainless steel	—	☐ EM93071	•	•
1-Gang duplex receptacle "isolated ground"	Nylon	RN	☐ IG5132	•	•
1-Gang duplex receptacle "emergency"	Nylon	RD	☐ EM5132	•	•
	302/304 Stainless steel	—	☐ EM93101	•	•
1-Gang single receptacle with 1.40" (35.7mm) hole "isolated ground"	Nylon	RN, V	☐ IG5131__	•	•
2-Gang duplex receptacle "emergency"	302/304 Stainless steel	—	☐ EM93102		•

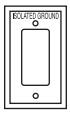
Mid-size pre-marked special use wallplates

Product description

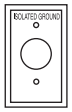
1-Gang, 2-Gang



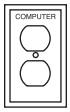
PJ1EM



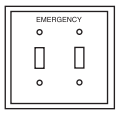
PJ26IG



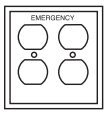
PJ7IG



PJ8CO



PJ2EM



PJ82EM

Pre-marked special use, mid-sized

Description	Material	Color suffix	Catalog no.	
1-Gang toggle "emergency"	Polycarbonate	RD	☐ PJ1EM	•
1-Gang decorator "emergency"	Polycarbonate	RD	☐ PJ26EM	•
1-Gang orange decorator "isolated ground"	Polycarbonate	—	☐ PJ26IG	•
1-Gang orange single receptacle, 1.40" (35.7mm) hole "isolated ground"	Polycarbonate	—	☐ PJ7IG	•
1-Gang duplex receptacle "computer"	Polycarbonate	V, W	☐ PJ8CO__	•
1-Gang duplex receptacle "emergency"	Polycarbonate	RD	☐ PJ8EM	•
1-Gang duplex receptacle "GFCI protected"	Polycarbonate	V, W	☐ PJ8GF__	•
1-Gang orange duplex receptacle "isolated ground"	Polycarbonate	—	☐ PJ8IG	•
2-Gang toggle "emergency"	Polycarbonate	RD	☐ PJ2EM	•
2-Gang duplex receptacle "emergency"	Polycarbonate	RD	☐ PJ82EM	•

Color ordering information:

For ordering devices, include Catalog no. followed by the Color suffix: RD (Red), RN (Orange), V (Ivory), W (White)

RD (Red) RN (Orange) V (Ivory) W (White) (Stainless Steel)

Specification information: Wallplates K-22

Compliances, specifications and availability are subject to change without notice.

Indicates NAFTA compliant - Page Q-32

RoHS compliant - Page Q-32

SECTION K

Wallplates

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Specification information K-22

Wallplate families

Rugged design and quality materials make Arrow Hart wallplates the best choice

Whether faced with a commercial, institutional or industrial setting, you will find the desired material, configuration, style, size and color you need

Standard size
Wallplates for precision cuts

Mid-size and oversize
Wallplates for applications that require additional wall coverage

Extra depth
Wallplates to provide a flush fit to the wall when an old work outlet box is used

Specification grade thermoplastic

- Available in both nylon and polycarbonate constructions
- Virtually unbreakable plates reduce installation and replacement costs
- Preferred for industrial, institutional, and other high-traffic areas
- Exclusive time-saving screw catch feature holds mounting screws captive and simplifies installation
- High gloss finish is soil-resistant
- Available in standard size and mid-size configurations with screwless and pre-marked special use versions available

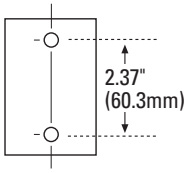
Specification grade metal wallplates

- Constructed of non-corrosive 302/304 Stainless steel, brass or chrome
- Available in standard, mid-size, and oversize configurations with pre-marked special use versions available
- 302/304 Stainless steel is non-magnetic and non-corrosive for rugged durability
- Solid brass is coated with transparent lacquer to resist premature oxidation
- Shipped with removable protective film
- Recommended for industrial, institutional and commercial applications

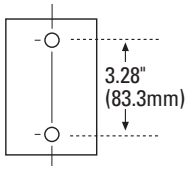
Wallplate dimensional information

Mounting holes for wallplates and covers

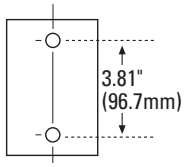
These are the most common nominal spacings for mounting holes on wallplates and covers.
Holes are normally countersunk for oval head #6-32 screws.



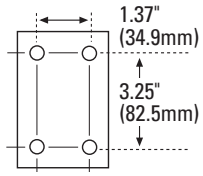
Device or strap



Box



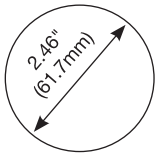
Decorator/GFCI



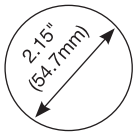
FS box

Cover opening dimensions

Nominal dimensions for cover openings conform to industry standards and practices.



4-wire power device



Off center power device

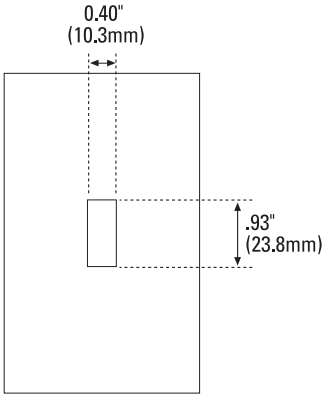
3-wire power device

Single locking receptacle 20/30 amp

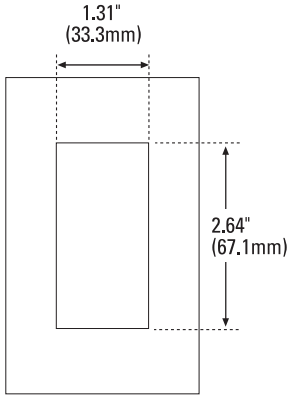
Single receptacle

Plate opening dimensions

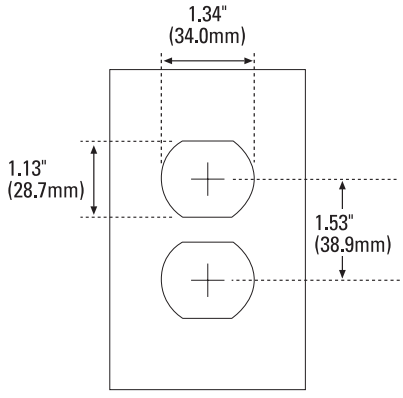
Nominal dimensions for plate openings conform to industry standards and practices.



Toggle



Decorator



Duplex receptacle

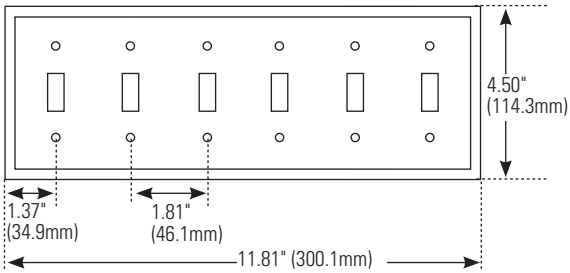
Compliances, specifications and availability are subject to change without notice.

Wallplate dimensional information

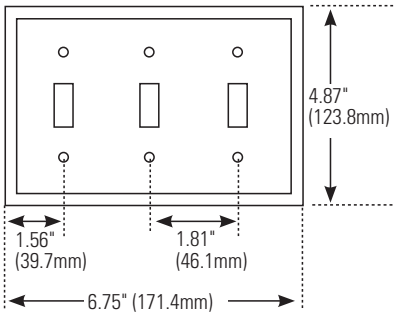
Wallplate sizes

Gang	Description	Height	Width	First gang to edge	Gang to gang
1-Gang	Standard	4.50" (114.3mm)	2.75" (69.8mm)	1.37" (34.9mm)	—
	Mid-size	4.87" (123.8mm)	3.12" (79.4mm)	1.56" (39.7mm)	—
	Oversize	5.25" (133.3mm)	3.50" (88.9mm)	1.75" (44.4mm)	—
2-Gang	Standard	4.50" (114.3mm)	4.56" (115.9mm)	1.37" (34.9mm)	1.81" (46.0mm)
	Mid-size	4.87" (123.8mm)	4.94" (125.4mm)	1.56" (39.7mm)	1.81" (46.0mm)
	Oversize	5.25" (133.3mm)	5.31" (134.9mm)	1.75" (44.4mm)	1.81" (46.0mm)
3-Gang	Standard	4.50" (114.3mm)	6.37" (161.9mm)	1.37" (34.9mm)	1.81" (46.0mm)
	Mid-size	4.87" (123.8mm)	6.75" (171.4mm)	1.56" (39.7mm)	1.81" (46.0mm)
	Oversize	5.25" (133.3mm)	7.17" (182.2mm)	1.75" (44.4mm)	1.81" (46.0mm)
4-Gang	Standard	4.50" (114.3mm)	8.19" (207.9mm)	1.37" (34.9mm)	1.81" (46.0mm)
	Mid-size	4.87" (123.8mm)	8.56" (217.5mm)	1.56" (39.7mm)	1.81" (46.0mm)
	Oversize	5.25" (133.3mm)	8.94" (227.0mm)	1.75" (44.4mm)	1.81" (46.0mm)
5-Gang	Standard	4.50" (114.3mm)	10.00" (254.0mm)	1.37" (34.9mm)	1.81" (46.0mm)
	Mid-size	4.87" (123.8mm)	10.37" (263.5mm)	1.56" (39.7mm)	1.81" (46.0mm)
6-Gang	Standard	4.50" (114.3mm)	11.81" (300.0mm)	1.37" (34.9mm)	1.81" (46.0mm)
	Mid-size	4.87" (123.8mm)	12.18" (309.5mm)	1.56" (39.7mm)	1.81" (46.0mm)

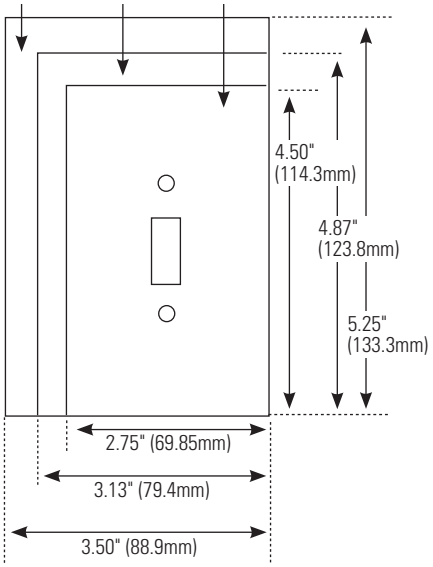
Standard



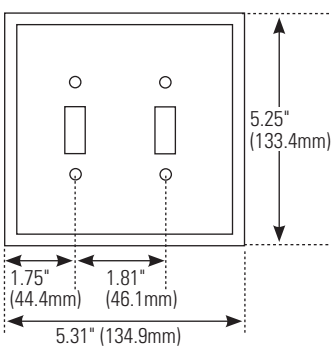
Mid-size



Oversize Mid-size Standard



Oversize

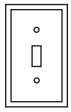


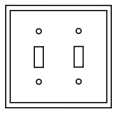
Compliances, specifications and availability are subject to change without notice.

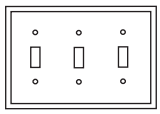
Standard size toggle switch wallplates

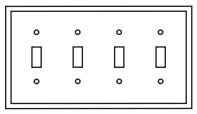
Product description

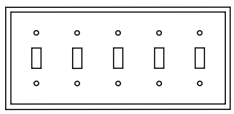
1-Gang, 2-Gang, 3-Gang, 4-Gang, 5-Gang, 6-Gang

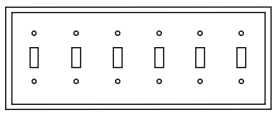

1-Gang


2-Gang


3-Gang


4-Gang


5-Gang


6-Gang

Toggle switch wallplates

Gang	Material	Color suffix	Catalog no.		
1-Gang	Nylon	A, B, BK, GY, LA, RD, V, W	☐5134__	•	•
	Thermoset	A, B, LA, V, W	☐2134__	•	•
	302/304 Stainless steel	—	☐93071	•	•
	Brass	—	☐94071	•	•
2-Gang	Nylon	A, B, GY, LA, RD, V, W	☐5139__	•	•
	Thermoset	A, B, LA, V, W	☐2139__	•	•
	302/304 Stainless steel	—	☐93072	•	•
	Brass	—	☐94072	•	•
3-Gang	Nylon	A, B, BK, GY, LA, V, W	☐5141__	•	•
	Thermoset	A, B, LA, V, W	☐2141__	•	•
	302/304 Stainless steel	—	☐93073	•	•
	Brass	—	☐94073	•	•
4-Gang	Nylon	A, B, BK, GY, LA, V, W	☐5154__	•	•
	Thermoset	A, B, LA, V, W	☐2154__	•	•
	302/304 Stainless steel	—	☐93074	•	•
5-Gang	Thermoset	A, B, LA, V, W	☐2155__	•	•
	302/304 Stainless steel	—	☐93075	•	•
6-Gang	Thermoset	A, B, V, W	☐2156__	•	•
	302/304 Stainless steel	—	☐93076	•	•

Color ordering information:

For ordering devices, include Catalog no. followed by the Color suffix: A (Almond), B (Brown), BK (Black), GY (Gray), LA (Light Almond), RD (Red), V (Ivory), W (White)

A	B	BK	GY	LA	RD	V	W
(Almond)	(Brown)	(Black)	(Gray)	(Lt. Almond)	(Red)	(Ivory)	(White)

(Stainless Steel) (Brass)

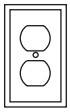
Certification information: 2000, 4000, 5000, ST & PJ series wallplates are cULus Listed; 93000 series wallplates are UL Listed and CSA Certified; 94000 series are UL Listed and CSA certified. **Specification information:** K-22
Compliances, specifications and availability are subject to change without notice.

Indicates NAFTA compliant - Page Q-32 RoHS compliant - Page Q-32

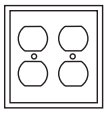
Standard size duplex receptacle wallplates

Product description

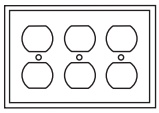
1-Gang, 2-Gang, 3-Gang



1-Gang



2-Gang



3-Gang

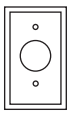
Duplex receptacle

Gang	Material	Color suffix	Catalog no.		
1-Gang	Nylon	A, B, BK, GY, LA, RD, V, W	☐ 5132__	•	•
	Thermoset	A, B, LA, V, W	☐ 2132__	•	•
	302/304 Stainless steel	—	☐ 93101	•	•
	Brass	—	☐ 94101	•	•
2-Gang	Nylon	A, B, BK, GY, LA, RD, V, W	☐ 5150__	•	•
	Thermoset	A, B, LA, V, W	☐ 2150__	•	•
	302/304 Stainless steel	—	☐ 93102	•	•
	Brass	—	☐ 94102	•	•
3-Gang	302/304 Stainless steel	—	☐ 93103	•	•

Standard size single receptacle wallplates

Product description

1-Gang



1-Gang

Single receptacle

Gang	Material	Color suffix	Catalog no.		
1-Gang with 1.406" (35.712mm) hole	Nylon	A, B, BK, GY, RD, V, W	☐ 5131__	•	•
	Thermoset	A, B, LA, V, W	☐ 2131__	•	•
	302/304 Stainless steel	—	☐ 93091	•	•
	Brass	—	☐ 94091	•	•

Color ordering information:

For ordering devices, include Catalog no. followed by the Color suffix: A (Almond), B (Brown), BK (Black), GY (Gray), LA (Light Almond), RD (Red), V (Ivory), W (White)

A	B	BK	GY	LA	RD	V	W
(Almond)	(Brown)	(Black)	(Gray)	(Lt. Almond)	(Red)	(Ivory)	(White)

(Stainless Steel) (Brass)

Certification information: 2000, 4000, 5000, ST & PJ series wallplates are cULus Listed; 93000 series wallplates are UL Listed and CSA Certified; 94000 series are UL Listed and CSA certified. **Specification information:** K-22
Compliances, specifications and availability are subject to change without notice.

Indicates NAFTA compliant - Page Q-32

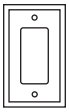
RoHS compliant - Page Q-32

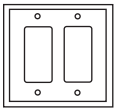
Standard size wallplates

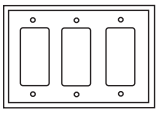
Standard size decorator wallplates

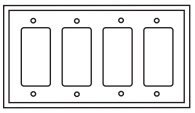
Product description

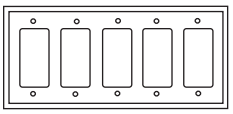
1-Gang, 2-Gang, 3-Gang, 4-Gang, 5-Gang, 6-Gang

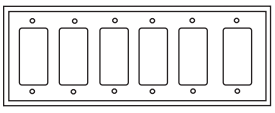

1-Gang


2-Gang


3-Gang


4-Gang


5-Gang


6-Gang

Decorator wallplates

Gang	Material	Color suffix	Catalog no.		
1-Gang	Nylon	A, B, BK, BL, GY, LA, RD, V, W	☐5151__	•	•
	Thermoset	A, B, BK, GY, LA, V, W	☐2151__	•	•
	302/304 Stainless steel	—	☐93401	•	•
	Brass	—	☐94401	•	•
2-Gang	Nylon	A, B, BK, GY, LA, V, W	☐5152__	•	•
	Thermoset	A, B, BK, GY, LA, V, W	☐2152__	•	•
	302/304 Stainless steel	—	☐93402	•	•
	Brass	—	☐94402	•	•
3-Gang	Thermoset	A, B, GY, LA, V, W	☐2163__	•	•
	302/304 Stainless steel	—	☐93403	•	•
4-Gang	Thermoset	A, B, LA, V, W	☐2164__	•	•
	302/304 Stainless steel	—	☐93404	•	•
5-Gang	Thermoset	A, B, LA, V, W	☐2165__	•	•
	302/304 Stainless steel	—	☐93405	•	•
6-Gang	Thermoset	A, B, LA, V, W	☐2166__	•	•
	302/304 Stainless steel	—	☐93406	•	•

Color ordering information:

For ordering devices, include Catalog no. followed by the Color suffix: A (Almond), B (Brown), BK (Black), BL (Blue), GY (Gray), LA (Light Almond), RD (Red), V (Ivory), W (White)

A	B	BK	BL	GY	LA	RD	V	W
(Almond)	(Brown)	(Black)	(Blue)	(Gray)	(Lt. Almond)	(Red)	(Ivory)	(White)

(Stainless Steel) (Brass)

Certification information: 2000, 4000, 5000, ST & PJ series wallplates are cULus Listed; 93000 series wallplates are UL Listed and CSA Certified; 94000 series are UL Listed and CSA certified. **Specification information:** K-22
Compliances, specifications and availability are subject to change without notice.

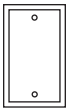
Indicates NAFTA compliant - Page Q-32

RoHS compliant - Page Q-32

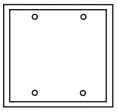
Standard size blank wallplates

Product description

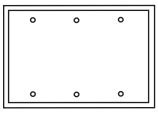
1-Gang, 2-Gang, 3-Gang, 4-Gang



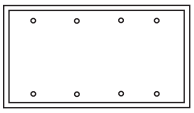
1-Gang



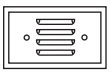
2-Gang



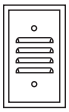
3-Gang



4-Gang



93630



93631

Blank - box mounted

Gang	Material	Color suffix	Catalog no.		
1-Gang	Nylon	A, B, BK, GY, LA, V, W	☐5129__	•	•
	Thermoset	A, B, LA, V, W	☐2129__	•	•
	302/304 Stainless steel	—	☐93151	•	•
	Brass	—	☐94151	•	•
2-Gang	Nylon	A, B, BK, GY, LA, V, W	☐5137__	•	•
	Thermoset	A, B, LA, V, W	☐2137__	•	•
	302/304 Stainless steel	—	☐93152	•	•
3-Gang	302/304 Stainless steel	—	☐93153	•	•
4-Gang	302/304 Stainless steel	—	☐93154	•	•

Standard size louver

Product description

Horizontal & vertical

Louver

Description	Material	Catalog no.		
Horizontal	302/304 Stainless steel	☐93630	•	•
Vertical	302/304 Stainless steel	☐93631	•	•

Color ordering information:

For ordering devices, include Catalog no. followed by the Color suffix: A (Almond), B (Brown), BK (Black), GY (Gray), LA (Light Almond), V (Ivory), W (White)

A	B	BK	GY	LA	V	W
(Almond)	(Brown)	(Black)	(Gray)	(Lt. Almond)	(Ivory)	(White)

(Stainless Steel) (Brass)

Certification information: 2000, 4000, 5000, ST & PJ series wallplates are cULus Listed; 93000 series wallplates are UL Listed and CSA Certified; 94000 series are UL Listed and CSA certified. **Specification information:** K-22
Compliances, specifications and availability are subject to change without notice.

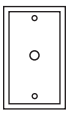
Indicates NAFTA compliant - Page Q-32 RoHS compliant - Page Q-32

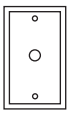
Standard size wallplates

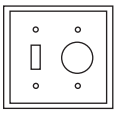
Standard size combination wallplates

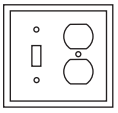
Product description

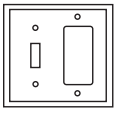
1-Gang, 2-Gang, 3-Gang

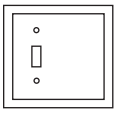

1-Gang, 0.375" hole

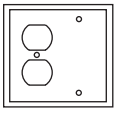

1-Gang, 0.625" hole

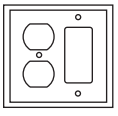

2-Gang, toggle & single receptacle

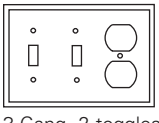

2-Gang, toggle & duplex receptacle

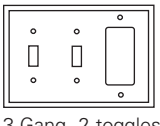

2-Gang, toggle & decorator


2-Gang, toggle & blank


2-Gang, duplex receptacle & blank


2-Gang, duplex receptacle & decorator


3-Gang, 2 toggles & duplex receptacle


3-Gang, 2 toggles & decorator

Telephone & coax

Description	Material	Color suffix	Catalog no.		
1-Gang with 0.375" (9.525mm) hole	Nylon	B, GY, V, W	☐5128__	•	•
	Thermoset	A, B, LA, V, W	☐2128__	•	•
	302/304 Stainless steel	—	☐93696	•	•
1-Gang with 0.625" (15.875mm) hole	Nylon	B, GY, V, W	☐5159__	•	•
	Thermoset	V, W	☐2159__	•	•
	302/304 Stainless steel	—	☐93591	•	•

Combination 2-gang

Description	Material	Color suffix	Catalog no.		
Toggle & single receptacle	302/304 Stainless steel	—	☐93512	•	•
Toggle & duplex receptacle	Nylon	A, B, BK, GY, LA, V, W	☐5138__	•	•
	Thermoset	A, B, LA, V, W	☐2138__	•	•
	302/304 Stainless steel	—	☐93532	•	•
	Brass	—	☐94532	•	•
Toggle & decorator	Nylon	A, B, BK, GY, LA, V, W	☐5153__	•	•
	Thermoset	A, B, LA, V, W	☐2153__	•	•
	302/304 Stainless steel	—	☐93432	•	•
	Brass	—	☐94432	•	•
Toggle & blank	Nylon	A, B, BK, LA, V	☐5171__	•	•
Duplex receptacle & blank	Nylon	A, B, BK, LA, V	☐5170__	•	•
Duplex receptacle & decorator	Thermoset	A, LA, V, W	☐2157__	•	•

Combination 3-gang

Description	Material	Color suffix	Catalog no.		
2 Toggles & duplex receptacle	Nylon	B, GY, V, W	☐5158__	•	•
	Thermoset	A, B, LA, V, W	☐2158__	•	•
	302/304 Stainless steel	—	☐93543	•	•
2 Toggles & decorator	Thermoset	A, LA, V, W	☐2173__	•	•
	302/304 Stainless steel	—	☐93443	•	•

Color ordering information:

For ordering devices, include Catalog no. followed by the Color suffix: A (Almond), B (Brown), BK (Black), GY (Gray), LA (Light Almond), V (Ivory), W (White)

A	B	BK	GY	LA	V	W		
(Almond)	(Brown)	(Black)	(Gray)	(Lt. Almond)	(Ivory)	(White)	(Stainless Steel)	(Brass)

Certification information: 2000, 4000, 5000, ST & PJ series wallplates are cULus Listed; 93000 series wallplates are UL Listed and CSA Certified; 94000 series wallplates are UL Listed and CSA certified. **Specification information:** K-22
Compliances, specifications and availability are subject to change without notice.

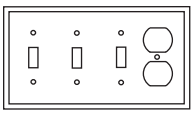
Indicates NAFTA compliant - Page Q-32

RoHS compliant - Page Q-32

Standard size combination wallplates

Product description

4-Gang



4-Gang, 3 toggles & duplex receptacle

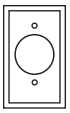
Combination 4-gang

Description	Material	Color suffix	Catalog no.		
3 Toggles & duplex receptacle	Thermoset	A, LA, V, W	☐ 2174__	•	•
	302/304 Stainless steel	—	☐ 93554	•	•

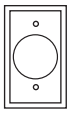
Standard size power outlet wallplates

Product description

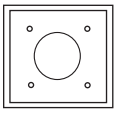
1-Gang, 2-Gang



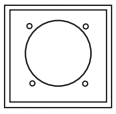
93111



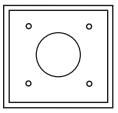
93221



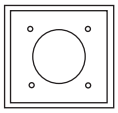
192



93223, 69



2168, 93227, 68



93228

Power outlet

Description	Material	Color suffix	Catalog no.		
1-Gang with 1.59" (40.5mm) hole	302/304 Stainless steel	—	☐ 93111	•	•
1-Gang with 2.15" (54.8mm) hole	302/304 Stainless steel	—	☐ 93221	•	•
	Chrome (UL)	—	☐ 39CH*	•	•
2-Gang with 2.15" (54.7mm) hole	Thermoset	A, B, LA, V, W	☐ 2168__	•	•
	302/304 Stainless steel	—	☐ 93227	•	•
	Chrome (UL)	—	☐ 68*	•	•
2-Gang with 2.15" (54.7mm) Off center hole	Chrome (UL)	—	☐ 192*	•	•
2-Gang with 2.28" (57.9mm) hole	302/304 Stainless steel	—	☐ 93228	•	•
2-Gang with 2.47" (62.7mm) hole	302/304 Stainless steel	—	☐ 93223	•	•
	Chrome (UL)	—	☐ 69*	•	•
2-Gang with 2.47" (62.7mm) hole	Nylon	V, W	☐ 5169__	•	•

* UL Listed

Standard size wallplate guide for power devices

Wallplates for power devices

Power device catalog no.	Wallplate catalog no.
32B, 38B, 1233, 1234, 1253, 1254, 1257, 1258, 1263, 5700N, 5709N, 5716N, 5795N, 7985N	39CH, 68, 2168, 93221, 93227
5515N, 5744N, 5754N, 8430N, 8450N, 8460N, 9460N	69, 5169, 93223
122B	192

Color ordering information:

For ordering devices, include Catalog no. followed by the Color suffix: A (Almond), B (Brown), LA (Light Almond), V (Ivory), W (White)

(Almond) (Brown) (Lt. Almond) (Ivory) (White) (Stainless Steel) (Chrome)

Certification information: 2000, 4000, 5000, ST & PJ series wallplates are cULus Listed; 93000 series wallplates are UL Listed and CSA Certified; 94000 series wallplates are UL Listed and CSA certified. **Specification information:** K-22
Compliances, specifications and availability are subject to change without notice.

Indicates NAFTA compliant - Page Q-32

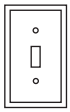
RoHS compliant - Page Q-32

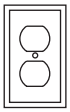
Standard size wallplates

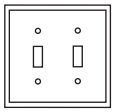
Standard size extra depth wallplates

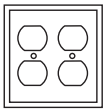
Product description

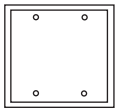
1-Gang, 2-Gang, 3-Gang

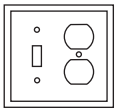

1-Gang toggle


1-Gang duplex receptacle


2-Gang toggle


2-Gang duplex receptacle


2-Gang blank


2-Gang toggle & duplex receptacle

Extra depth*

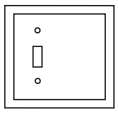
Description	Material	Color suffix	Catalog no.		
1-Gang toggle	Thermoset	V, W	☐ 4134__	•	•
2-Gang toggle	Thermoset	V, W	☐ 4139__	•	•
1-Gang duplex receptacle	Thermoset	V, W	☐ 4132__	•	•
2-Gang duplex receptacle	Thermoset	V, W	☐ 4150__	•	•
2-Gang blank	Thermoset	V, W	☐ 4137__	•	•
2-Gang toggle & duplex receptacle	Thermoset	V, W	☐ 4138__	•	•
2-Gang toggle & blank	Thermoset	V, W	☐ 4171__	•	•
2-Gang duplex receptacle & blank	Thermoset	V, W	☐ 4170__	•	•

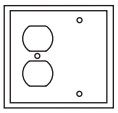
*Extra depth wallplates are approximately 10% deeper than standard size/standard depth counterparts

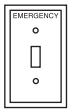
Standard size pre-marked special use wallplates

Product description

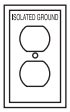
1-Gang, 2-Gang


2-Gang toggle & blank

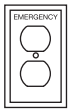

2-Gang duplex receptacle & blank



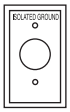
EG5134, EM93071



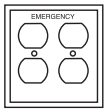
IG5132



EM5132, EM93101



IG5131



EM93102

Extra depth*

Description	Material	Color suffix	Catalog no.		
1-Gang toggle "emergency"	Nylon	RD	☐ EM5134	•	•
	302/304 Stainless steel	—	☐ EM93071	•	•
1-Gang duplex receptacle "isolated ground"	Nylon	RN	☐ IG5132	•	•
1-Gang duplex receptacle "emergency"	Nylon	RD	☐ EM5132	•	•
	302/304 Stainless steel	—	☐ EM93101	•	•
1-Gang single receptacle with 1.40" (35.7mm) hole "isolated ground"	Nylon	V, RN	☐ IG5131__	•	•
2-Gang duplex receptacle "emergency"	302/304 Stainless steel	—	☐ EM93102	•	•

*Extra depth wallplates are approximately 10% deeper than standard size/standard depth counterparts

Color ordering information:

For ordering devices, include Catalog no. followed by the Color suffix: RD (Red), RN (Orange), V (Ivory), W (White)

RD	RN	V	W	
(Red)	(Orange)	(Ivory)	(White)	(Stainless Steel)

Certification information: 2000, 4000, 5000, ST & PJ series wallplates are cULus Listed; 93000 series wallplates are UL Listed and CSA Certified; 94000 series wallplates UL Listed and CSA certified. **Specification information:** K-22

Compliances, specifications and availability are subject to change without notice.

Indicates NAFTA compliant - Page Q-32

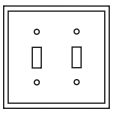
RoHS compliant - Page Q-32

Mid-size toggle switch wallplates

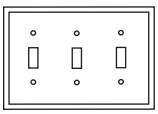
Product description

1-Gang, 2-Gang, 3-Gang,4-Gang, 5-Gang, 6-Gang

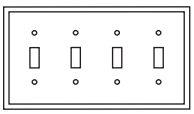
1-Gang



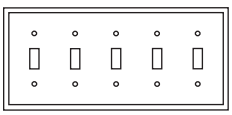
2-Gang



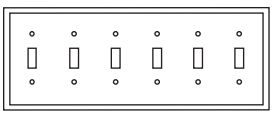
3-Gang



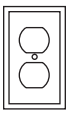
4-Gang



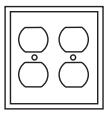
5-Gang



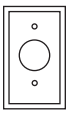
6-Gang



1-Gang



2-Gang



1-Gang

Toggle switch

Gang	Material	Color suffix	Catalog no.		
1-Gang	Polycarbonate	A, B, BK, GY, LA, RD, V, W	☐PJ1__		•
	Thermoset	A, B, LA, V, W	☐2034__	•	•
	302/304 Stainless steel	—	☐93971	•	•
2-Gang	Polycarbonate	A, B, BK, GY, LA, RD, V, W	☐PJ2__		•
	Thermoset	A, B, LA, V, W	☐2039__	•	•
	302/ 304 Stainless steel	—	☐93972	•	•
3-Gang	Polycarbonate	A, B, BK, GY, LA, RD, V, W	☐PJ3__		•
	Thermoset	A, B, LA, V, W	☐2041__	•	•
	302/304 Stainless steel	—	☐93973	•	•
4-Gang	Polycarbonate	A, B, BK, GY, LA, V, W	☐PJ4__		•
	Thermoset	A, LA, V, W	☐2054__	•	•
5-Gang	Polycarbonate	A, B, BK, GY, LA, V, W	☐PJ5__		•
6-Gang	Polycarbonate	A, B, BK, GY, LA, V, W	☐PJ6__		•

Mid-size duplex & single receptacle wallplates

Product description

1-Gang, 2-Gang

Duplex receptacle

Gang	Material	Color suffix	Catalog no.		
1-Gang	Polycarbonate	A, B, BK, GY, LA, RD, V, W	☐PJ8__		•
	Thermoset	A, B, LA, V, W	☐2032__	•	•
	302/304 Stainless steel	—	☐93901	•	•
2-Gang	Polycarbonate	A, B, BK, GY, LA, RD, V, W	☐PJ82__		•
	Thermoset	A, LA, V, W	☐2050__	•	•
	302/304 Stainless steel	—	☐93902	•	•

Single receptacle

Gang	Material	Color suffix	Catalog no.		
1-Gang with 1.406" (35.712mm) hole	Thermoset	A, B, LA, V, W	☐2031__	•	•
	302/304 Stainless steel	—	☐93991	•	•

Color ordering information:

For ordering devices, include Catalog no. followed by the Color suffix: A (Almond), B (Brown), BK (Black), GY (Gray), LA (Light Almond), RD (Red), V (Ivory), W (White)

A	B	BK	GY	LA	RD	V	W	
(Almond)	(Brown)	(Black)	(Gray)	(Lt. Almond)	(Red)	(Ivory)	(White)	(Stainless Steel)

Certification information: 2000, 4000, 5000, ST & PJ series wallplates are cULus Listed; 93000 series wallplates are UL Listed and CSA Certified; 94000 series wallplates are UL Listed and CSA certified. **Specification information:** K-22
Compliances, specifications and availability are subject to change without notice.

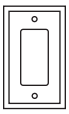
Indicates NAFTA compliant - Page Q-32

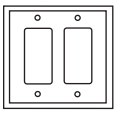
RoHS compliant - Page Q-32

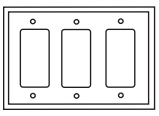
Mid-size decorator wallplates

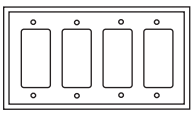
Product description

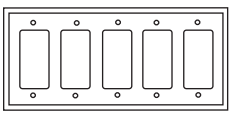
1-Gang, 2-Gang, 3-Gang, 4-Gang, 5-Gang, 6-Gang

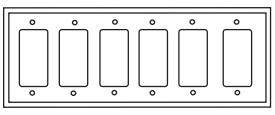

1-Gang


2-Gang


3-Gang


4-Gang


5-Gang


6-Gang

Decorator wallplates

Gang	Material	Color suffix	Catalog no.		
1-Gang	Polycarbonate	A, B, BK, BL, GY, LA, RD, V, W	☐ PJ26__		•
	Thermoset	A, B, LA, V, W	☐ 2051__	•	•
	302/304 Stainless steel	—	☐ 93934	•	•
2-Gang	Polycarbonate	A, B, BK, GY, LA, RD, V, W	☐ PJ262__		•
	Thermoset	A, LA, V, W	☐ 2052__	•	•
	302/304 Stainless steel	—	☐ 93935	•	•
3-Gang	Polycarbonate	A, B, BK, GY, LA, V, W	☐ PJ263__		•
	Thermoset	A, LA, V, W	☐ 2063__	•	•
	302/304 Stainless steel	—	☐ 93936	•	•
4-Gang	Polycarbonate	A, B, BK, GY, LA, V, W	☐ PJ264__		•
	Thermoset	A, LA, V, W	☐ 2064__	•	•
5-Gang	Polycarbonate	A, B, BK, GY, LA, V, W	☐ PJ265__		•
6-Gang	Polycarbonate	A, B, BK, GY, LA, V, W	☐ PJ266__		•

Color ordering information:

For ordering devices, include Catalog no. followed by the Color suffix: A (Almond), B (Brown), BK (Black), BL (Blue), GY (Gray), LA (Light Almond), RD (Red), V (Ivory), W (White)

A	B	BK	BL	GY	LA	RD	V	W	
(Almond)	(Brown)	(Black)	(Blue)	(Gray)	(Lt. Almond)	(Red)	(Ivory)	(White)	(Stainless Steel)

Certification information: 2000, 4000, 5000, ST & PJ series wallplates are cULus Listed; 93000 series wallplates are UL Listed and CSA Certified; 94000 series wallplates are UL Listed and CSA certified. **Specification information:** K-22
Compliances, specifications and availability are subject to change without notice.

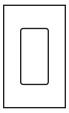
Indicates NAFTA compliant - Page Q-32

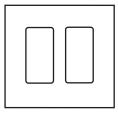
RoHS compliant - Page Q-32

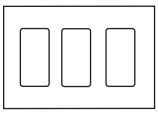
Mid-size screwless wallplates

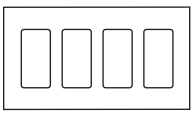
Product description

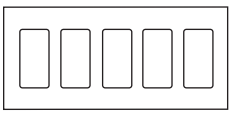
1-Gang, 2-Gang, 3-Gang, 4-Gang, 5-Gang, 6-Gang

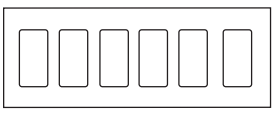

1-Gang

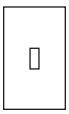

2-Gang

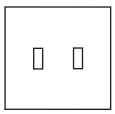

3-Gang

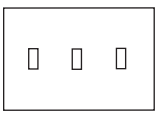

4-Gang

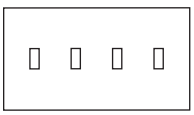

5-Gang

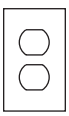

6-Gang


1-Gang


2-Gang


3-Gang


4-Gang


1-Gang

Decorator wallplates

Description	Material	Color suffix	Catalog no.	
1-Gang	Polycarbonate	A, B, BB, BK, GY, LA, V, W	☐PJS26__	•
2-Gang	Polycarbonate	A, B, BB, BK, LA, V, W	☐PJS262__	•
3-Gang	Polycarbonate	A, BB, BK, LA, V, W	☐PJS263__	•
4-Gang	Polycarbonate	A, BK, LA, V, W	☐PJS264__	•
5-Gang	Polycarbonate	A, BK, LA, V, W	☐PJS265__	•
6-Gang	Polycarbonate	A, BK, LA, V, W	☐PJS266__	•

Toggle wallplates

Description	Material	Color suffix	Catalog no.	
1-Gang	Polycarbonate	A, B, BB, BK, LA, V, W	☐PJS1__	•
2-Gang	Polycarbonate	A, B, BB, BK, LA, V, W	☐PJS2__	•
3-Gang	Polycarbonate	A, LA, V, W	☐PJS3__	•
4-Gang	Polycarbonate	A, LA, V, W	☐PJS4__	•

Duplex receptacle wallplates

Description	Material	Color suffix	Catalog no.	
1-Gang	Polycarbonate	A, B, BB, BK, LA, V, W	☐PJS8__	•

Color ordering information:

For ordering devices, include Catalog no. followed by the Color suffix: A (Almond), B (Brown), BB (Brushed Bronze), BK (Black), GY (Gray), LA (Light Almond), V (Ivory), W (White)

A	B	BB	BK	GY	LA	V	W
(Almond)	(Brown)	(Brushed Bronze)	(Black)	(Gray)	(Lt. Almond)	(Ivory)	(White)

Certification information: Aspire series wallplates are cULus Listed to UL5154D, file no. E33216; ; PJ series wallplates are cULus Listed.
Specification information: K-22
Compliances, specifications and availability are subject to change without notice.

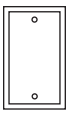
RoHS compliant - Page Q-32

Mid-size wallplates

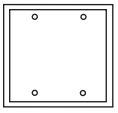
Mid-size blank wallplates

Product description

1-Gang box, 1-Gang strap, 2-Gang box



1-Gang



2-Gang

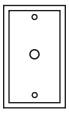
Blank - box & strap mounted

Description	Material	Color suffix	Catalog no.		
1-Gang box	Polycarbonate	A, B, BK, GY, LA, V, W	☐PJ13__		•
	Thermoset	A, B, LA, V, W	☐2029__	•	•
	302/304 Stainless steel	—	☐93951	•	•
1-Gang strap	Polycarbonate	A, B, BK, LA, V, W	☐PJ14__		•
2-Gang box	Polycarbonate	A, B, BK, GY, LA, V, W	☐PJ23__		•
	Thermoset	A, LA, V, W	☐2037__	•	•

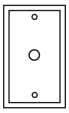
Mid-size telephone & coax wallplates

Product description

1-Gang box



1-Gang with 0.375" hole



1-Gang with 0.406" hole, box mounted

Telephone & coax

Description	Material	Color suffix	Catalog no.		
1-Gang with 0.37" (9.5mm) hole	Thermoset	V, W	☐2028__	•	•
	302/304 Stainless steel	—	☐93996	•	•
1-Gang with 0.40" (10.3mm) hole, box mounted	Polycarbonate	A, B, BK, LA, V, W	☐PJ11__		•

Color ordering information:

For ordering devices, include Catalog no. followed by the Color suffix: A (Almond), B (Brown), BK (Black), GY (Gray), LA (Light Almond), V (Ivory), W (White)

A	B	BK	GY	LA	V	W	
(Almond)	(Brown)	(Black)	(Gray)	(Lt. Almond)	(Ivory)	(White)	(Stainless Steel)

Certification information: 2000, 4000, 5000, ST & PJ series wallplates are cULus Listed; 93000 series wallplates are UL Listed and CSA Certified; 94000 series wallplates are UL Listed and CSA certified. **Specification information:** K-22
Compliances, specifications and availability are subject to change without notice.

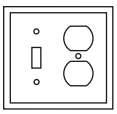
Indicates NAFTA compliant - Page Q-32

RoHS compliant - Page Q-32

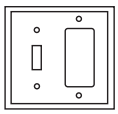
Mid-size combination wallplates

Product description

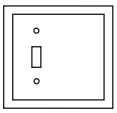
2-Gang, 3-Gang



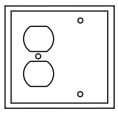
2-Gang toggle & duplex receptacle



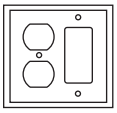
2-Gang, toggle & decorator



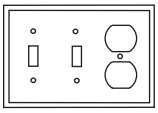
2-Gang toggle & blank



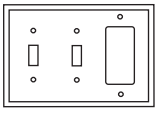
2-Gang duplex receptacle & blank



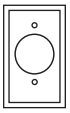
2-Gang, duplex receptacle & decorator



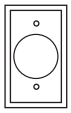
3-Gang, 2 toggles & duplex receptacle



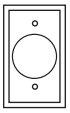
3-Gang, 2 toggles & decorator



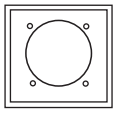
1-Gang 1.406" hole



1-Gang 1.594" hole



1-Gang with 2.1563" hole



2-Gang with 2.1563" hole

Combination 2-gang

Description	Material	Color suffix	Catalog no.		
Toggle & duplex receptacle	Polycarbonate	A, B, BK, GY, LA, RD, V, W	☐ PJ18__		•
	Thermoset	A, B, LA, V, W	☐ 2038__	•	•
	302/304 Stainless steel	—	☐ 93932	•	•
Toggle & decorator	Polycarbonate	A, B, BK, GY, LA, V, W	☐ PJ126__		•
	Thermoset	A, LA, V, W	☐ 2053__	•	•
	302/304 Stainless steel	—	☐ 93937	•	•
Toggle & blank	Polycarbonate	A, B, LA, V, W	☐ PJ113__		•
Duplex receptacle & blank	Polycarbonate	A, B, BK, GY, LA, RD, V, W	☐ PJ138__		•
Duplex receptacle & decorator	Polycarbonate	A, B, BK, GY, LA, RD, V, W	☐ PJ826__		•

Combination 3-gang

Description	Material	Color suffix	Catalog no.	
2 Toggles & duplex receptacle	Polycarbonate	A, B, BK, GY, LA, RD, V, W	☐ PJ28__	•
2 Toggles & decorator	Polycarbonate	A, B, BK, GY, LA, V, W	☐ PJ226__	•

Mid-size power outlet wallplates

Product description

1-Gang, 2-Gang

Power outlet

Description	Material	Color suffix	Catalog no.		
1-Gang with 1.40" (35.7mm) hole	Polycarbonate	A, B, BK, GY, LA, RD, V, W	☐ PJ7__		•
1-Gang with 1.59" (40.5mm) hole	Polycarbonate	B, GY, V, W	☐ PJ720__		•
1-Gang with 2.15" (54.7mm) hole	Polycarbonate	B, BK, V, W	☐ PJ724__		•
	Nylon	V	☐ 5068__	•	•
	Thermoset	A, B, V, W	☐ 2068__	•	•
2-Gang with 2.15" (54.7mm) hole	Polycarbonate	B, V, W	☐ PJ703__		•

Mid-size wallplate guide for power devices

Wallplate for power devices

Power device catalog no.	Wallplate catalog no.
32B, 38B, 1233, 1234, 1253, 1254, 1257, 1258, 1263, 5700N, 5709N, 5716N, 5795N, 7985N	2068, 5068, PJ724, PJ703

Color ordering information:

For ordering devices, include Catalog no. followed by the Color suffix: A (Almond), B (Brown), BK (Black), GY (Gray), LA (Light Almond), RD (Red), V (Ivory), W (White)

A	B	BK	GY	LA	RD	V	W	
(Almond)	(Brown)	(Black)	(Gray)	(Lt. Almond)	(Red)	(Ivory)	(White)	(Stainless Steel)

Certification information: 2000, 4000, 5000, ST & PJ series wallplates are cULus Listed; 93000 series wallplates are UL Listed and CSA Certified; 94000 series wallplates are UL Listed and CSA certified. **Specification information:** K-22
Compliances, specifications and availability are subject to change without notice.

Indicates NAFTA compliant - Page Q-32

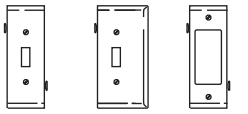
RoHS compliant - Page Q-32

Mid-size wallplates

Mid-size sectional wallplates

Product description

1-Gang


STC1 STE1 STC26

STE26 STC8 STE8

STC14 STE14 STC7

STE7

Sectional wallplates

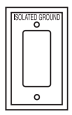
Description	Material	Location	Color	Catalog no.	RoHS
1-Gang toggle	Polycarbonate	Center	W	☐ STC1W	•
		End	W	☐ STE1W	•
1-Gang decorator	Polycarbonate	Center	W	☐ STC26W	•
		End	W	☐ STE26W	•
1-Gang duplex receptacle	Polycarbonate	Center	W	☐ STC8W	•
		End	W	☐ STE8W	•
1-Gang blank	Polycarbonate	Center	W	☐ STC14W	•
		End	W	☐ STE14W	•
1-Gang single receptacle 1.40" (35.7mm) hole	Polycarbonate	Center	W	☐ STC7W	•
		End	W	☐ STE7W	•

Mid-size pre-marked special use wallplates

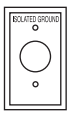
Product description

1-Gang, 2-Gang

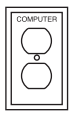
PJ1EM



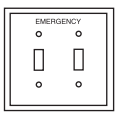
PJ26IG



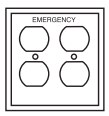
PJ7IG



PJ8CO



PJ2EM



PJ82EM

Pre-marked special use

Description	Material	Color suffix	Catalog no.	RoHS
1-Gang toggle "emergency"	Polycarbonate	RD	☐ PJ1EM	•
1-Gang decorator "emergency"	Polycarbonate	RD	☐ PJ26EM	•
1-Gang orange decorator "isolated ground"	Polycarbonate	RN	☐ PJ26IG	•
1-Gang orange single receptacle, 1.40" (35.7mm) hole "isolated ground"	Polycarbonate	RN	☐ PJ7IG	•
1-Gang duplex receptacle "computer"	Polycarbonate	V, W	☐ PJ8CO__	•
1-Gang duplex receptacle "emergency"	Polycarbonate	RD	☐ PJ8EM	•
1-Gang duplex receptacle "GFCI protected"	Polycarbonate	V, W	☐ PJ8GF__	•
1-Gang orange duplex receptacle "isolated ground"	Polycarbonate	RN	☐ PJ8IG	•
2-Gang toggle "emergency"	Polycarbonate	RD	☐ PJ2EM	•
2-Gang duplex receptacle "emergency"	Polycarbonate	RD	☐ PJ82EM	•

Color ordering information:

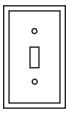
For ordering devices, include Catalog no. followed by the Color suffix: RD (Red), RN (Orange), V (Ivory), W (White)

RD	RN	V	W
(Red)	(Orange)	(Ivory)	(White)

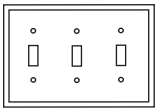
Certification information: 2000, 4000, 5000, ST & PJ series wallplates are cULus Listed; 93000 series wallplates are UL Listed and CSA Certified; 94000 series wallplates are UL Listed and CSA certified. **Specification information:** K-22
Compliances, specifications and availability are subject to change without notice.

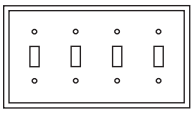
RoHS compliant - Page Q-32

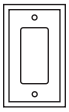
Oversize wallplates

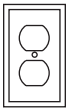

1-Gang toggle

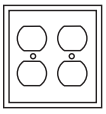
2-Gang toggle

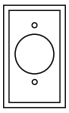

3-Gang


4-Gang


1-Gang


1-Gang


2-Gang


1-Gang 1.406" hole

Oversize toggle switch wallplates

Product description

1-Gang, 2-Gang, 3-Gang, 4-Gang

Toggle switch

Description	Material	Color suffix	Catalog no.		
1-Gang	Thermoset	A, B, LA, V, W	☐2144__	•	•
	302/304 Stainless steel	—	☐93871	•	•
2-Gang	Thermoset	A, B, LA, V, W	☐2149__	•	•
	302/304 Stainless steel	—	☐93872	•	•
3-Gang	Thermoset	V, W	☐2741__	•	•
	302/304 Stainless steel	—	☐93873	•	•
4-Gang	302/304 Stainless steel	—	☐93874	•	•

Oversize decorator wallplates

Product description

1-Gang

Decorator

Description	Material	Color suffix	Catalog no.		
1-Gang	Thermoset	V, W	☐2751__	•	•
	302/304 Stainless steel	—	☐93834	•	•

Oversize duplex receptacle wallplates

Product description

1-Gang, 2-Gang

Duplex receptacle

Description	Material	Color suffix	Catalog no.		
1-Gang	Thermoset	A, B, LA, V, W	☐2142__	•	•
	302/304 Stainless steel	—	☐93801	•	•
2-Gang	Thermoset	V, W	☐2750__	•	•
	302/304 Stainless steel	—	☐93802	•	•

Oversize single receptacle wallplates

Product description

1-Gang

Single receptacle

Description	Material	Color suffix	Catalog no.		
1-Gang with 1.40" (35.7mm) hole	Thermoset	V, W	☐2731__	•	•
	302/304 Stainless steel	—	☐93891	•	•

Color ordering information:

For ordering devices, include Catalog no. followed by the Color suffix: A (Almond), B (Brown), LA (Light Almond), V (Ivory), W (White)

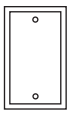
A	B	LA	V	W	
(Almond)	(Brown)	(Lt. Almond)	(Ivory)	(White)	(Stainless Steel)

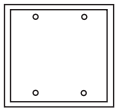
Certification information: 2000, 4000, 5000, ST & PJ series wallplates are cULus Listed; 93000 series wallplates are UL Listed and CSA Certified; 94000 series wallplates are UL Listed and CSA certified. **Specification information:** K-22
Compliances, specifications and availability are subject to change without notice.

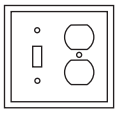
Indicates NAFTA compliant - Page Q-32

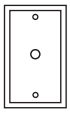
RoHS compliant - Page Q-32

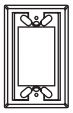
Oversize wallplates

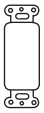

1-Gang


2-Gang


2-Gang toggle & duplex receptacle


1-Gang with 0.375" hole


GFER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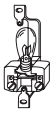
231


153

Oversize blank box mounted wallplates

Product description

1-Gang, 2-Gang

Blank - box mounted

Description	Material	Color suffix	Catalog no.		
1-Gang	Thermoset	V, W	☐ 2729__	•	•
	302/304 Stainless steel	—	☐ 93851	•	•
2-Gang	302/304 Stainless steel	—	☐ 93852	•	•

Oversize combination wallplates

Product description

2-Gang

Combination 2-gang

Description	Material	Color suffix	Catalog no.		
Toggle & duplex receptacle	Thermoset	B, V, W	☐ 2148__	•	•

Oversize telephone & coax wallplates

Product description

2-Gang

Telephone & coax

Description	Material	Color suffix	Catalog no.		
1-Gang with 0.37" (9.5mm) hole	Thermoset	V, W	☐ 2728__	•	•
	302/304 Stainless steel	—	☐ 93896	•	•

Wallplate accessories

Product description

GFCI extension ring, adapters, wallplate screws & pilot light lamp holder

Wallplate accessories

Description	Material	Color suffix	Catalog no.		
GFCI extension ring for use with GFCIs, 7/8" spacer (cULus)	—	B, BLK, LA, V, W	☐ GFER-__**		•
Adapter - decorator to blank	—	B, LA, V, W	☐ 2160__	•	•
Adapter - decorator to toggle	—	V, W	☐ 2161__	•	•
Toggle & receptacle wallplate screws #6-32 x 1/2" (12.7mm) for toggle & receptacle wallplates	Baked enamel head/metal	B, LA, V, W	☐ 231__		•
	Nylon	RD, V, W	☐ 232__		•
Toggle & receptacle wallplate screws #6-32 x 5/16" (7.9mm) for toggle & receptacle wallplates	Baked enamel head/metal	LA, V, W	☐ 2231__		•
Recessed pilot light lamp holder with 6 watt clear S-6 bulb (cULus)	—	—	☐ 153__**†	•	•

*For use with louver wallplate, ** cULus Listed, † UL Listed, CSA certified

Color ordering information:

For ordering devices, include Catalog no. followed by the Color suffix: B (Brown), BLK (Black), LA (Light Almond), RD (Red), V (Ivory), W (White)

B	BLK	LA	RD	V	W	
(Brown)	(Black)	(Lt. Almond)	(Red)	(Ivory)	(White)	(Stainless Steel)

Certification information: 2000, 4000, 5000, ST & PJ series wallplates are cULus Listed; 93000 series wallplates are UL Listed and CSA Certified; 94000 series wallplates are UL Listed and CSA certified. **Specification information:** K-22
Compliances, specifications and availability are subject to change without notice.

Indicates NAFTA compliant - Page Q-32 RoHS compliant - Page Q-32

LED step lighting

Product description

120V/AC
60Hz

7739

Features

- Fits into a standard junction box for easy installation (single-gang, handy box, 2" minimum inside width)
- 6 LED's with 6000-6500K light temperature
- Energy-efficient 40,000 hour rated LED lamp light
- Back & side wire, #14 - #12 AWG
- Perfect for any area where low level lighting or safe way-finding is needed, such as hallways, stairways, lobbies, auditoriums and theaters
- Includes vertical and horizontal louvered wallplates

LED step light

Rating V/AC	Description	Color	Catalog no.
120 V/AC, 60Hz	3W LED step light (vertical and horizontal)	A, LA, W	☐7739__

Note: dimensional information on K-23

Color ordering information:

For ordering devices, include Catalog no. followed by the Color suffix; A (Almond), LA (Light Almond), W (White)

Example: 7739A

A	LA	W
(Almond)	(Lt. Almond)	(White)

Material characteristics: Faceplate, Polycarbonate/ABS. Back Body, Polycarbonate. Strap, Galvanized Steel. Wire, #14 - #12 AWG
Specification information: K-23
Compliances, specifications and availability are subject to change without notice.

Wallplate specification & performance data

Wallplates

Product description

Standard size, mid-size, oversize

Wallplate sizes: standard size, mid-sized & oversize wallplates

Material type	Thermoset	Nylon	Stainless steel	Polycarbonate
Manufacturing process	Injection molded	Injection molded	Stamped	Injection molded
Testing & code compliance	• UL Listed to UL 514D, file no. E33216 • cUL Listed to C22.2, no. 42.1, UL file E33216	• UL Listed to UL 514D, file no. E33216 • cUL Listed to C22.2, no. 42.1, UL file E33216	• UL Listed to 514D, file no. E92003 • CSA certified to C22.2, no. 42.1	• UL Listed to UL 514D, file no. E33216 • cUL, UL file E33216 certified to C22.2, no. 42.1
Environmental specifications	**Flammability:** Meets UL94 requirements; 5VA rated **Temperature rating:** -40°C to 90°C (-40°F to 194°F)	**Flammability:** Meets UL94 requirements; 5VA rated **Temperature rating:** -40°C to 70°C (-40°F to 158°F)	**Flammability:** N/A **Temperature rating:** -40°C to 70°C (-40°F to 158°F)	**Flammability:** Meets UL94 requirements; 5VA rated **Temperature rating:** -40° to 70° C (-40°F to 158°F)
Materials	**Body:** 0.080" thick thermoset urea or phenolic **Inner wallplate:** N/A	**Body:** 0.060" thick thermoplastic **Inner wallplate:** N/A	**Body:** 0.032" thick stainless steel alloy, 18% chromium and 8% nickel for corrosion resistance **Inner wallplate:** N/A	**Body:** 0.08" thick thermoplastic polycarbonate **Inner wallplate:** 0.071" thick polycarbonate (PJS Series)

Compliances, specifications and availability are subject to change without notice.

LED accent lights specification & performance data

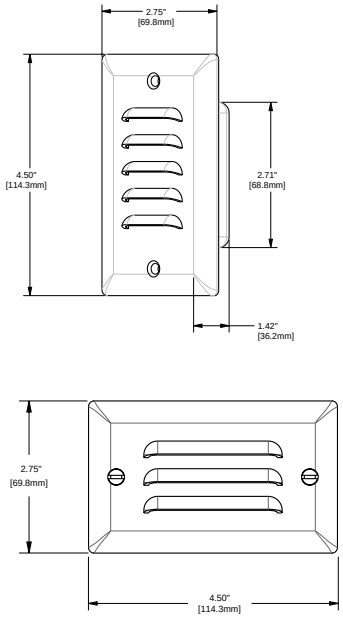
Commercial specification grade LED step light

Product description

120 V/AC 60Hz

Series type	Louvered faceplate 7739 series
Illumination	6 LEDS 18-36 lumens 6000-6500 Kelvin LED life rated 40,000 hours
Power consumption	<3 Watts
Materials	**Faceplate:** Polycarbonate **Bottom Housing:** Polycarbonate **Strap:** Galvanized Steel **Termination Accommodations:** #14 - #12 AWG
Testing & code compliance	• cULus Listed UL 1958 and UL8750
Power supply	120V/AC, 60Hz
Installation	Single-gang junction box
Environmental	**Temperature rating:** -35°C -66°C **Flammability rating:** V-2 Grade

7739



Compliances, specifications and availability are subject to change without notice.

SECTION L

L
SECTION

Weatherproof Covers and Boxes

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Weatherproof product families

Tough environments require tough solutions

Our broad offering of weatherproof products are designed for impact resistance, corrosion resistance, UV resistance and longevity in virtually any outdoor or indoor, wet or damp location

Deluxe weatherproof covers

Corrosion resistant diecast aluminum, self-closing design provides superior protection in wet and damp locations. Meets 2014 NEC® 406.9 (A) and 406.9 (B)(2).

Metal weatherbox while-in-use covers

Diecast aluminum construction with NEMA Type 3R rating, meets 2014 NEC® 406.9 (B)(1), and protects electrical connections while-in-use.

Non-metallic weatherproof covers

UL Listed for wet locations with cover closed these rugged covers resist high impact and sunlight. Meets 2014 NEC® 406.9 (A) and 406.9 (B)(2).

Watertight receptacles

Rugged design for while-in-use applications per 2014 NEC® 406.9 (B). Must be used with watertight plugs. Also meets "extra-duty" requirements.

Weatherproof switch cover

Provides protection for switching in wet or damp locations. Meets 2014 NEC® 404.4.

Weatherproof nylon covers

UL Listed for wet and damp locations, these rugged glass reinforced nylon covers provide protection for both straight blade and locking applications. Meets 2014 NEC® 406.9 (A) and 406.9 (B)(2).

Cast aluminum FS boxes

Powder coated finish for exceptional durability.

Weather protective boots

Provide protection from the elements for plugs & connector bodies ranging from 15 to 50A.

Compliances, specifications and availability are subject to change without notice.

NEC® compliance

Wet locations for 15A and 20A receptacles
NEC® 406.9

The NEC defines wet locations as installations underground or in concrete slabs or masonry in direct contact with the earth; in locations subject to saturation with water or other liquids, such as vehicle washing areas; and in unprotected locations exposed to weather.

NEC® article 406.9 (B)(1) requires all 15- and 20-ampere, 125- and 250-volt receptacles installed in a wet location to have an enclosure that is weatherproof whether or not the plug is inserted. These receptacles must use a while-in-use cover.

Applicable Arrow Hart products:

WIU-1	WIU-1D	WIU-2	WIUMV-1	WIUMH-1

Wet locations for other receptacles
NEC® 406.9 (B)(2)

All other receptacles installed in a wet location shall comply with (B)(2)(a) or (B)(2)(b).

(a) A receptacle installed in a wet location, where the product intended to be plugged into it is not attended while in use, shall have an enclosure that is weatherproof with the attachment plug inserted or removed.

(b) A receptacle installed in a wet location where the product intended to be plugged into it will be attended while in use (e.g. portable tools) shall have an enclosure that is weatherproof when the attachment plug is removed.

Applicable Arrow Hart products:

WLRS1	7420CR	7770	20416D	S1952	S2966	S989
WLRS2	7420A	7788	WP1	S1954	S3966	S966
AH7879	5741NS	20446N	WP2	S2962	S992	S1966
7420	7420C	20416N	S1951	S3962	S994	S993

Damp locations for receptacles
NEC® 406.9 (A)

A damp location is defined as a location protected from weather and not subject to saturation with water or other liquids but subject to moderate degrees of moisture. Examples of such locations include partially protected locations under canopies, marquees, roofed pen porches, and like locations, and interior locations subject to moderated degrees of moisture, such as basements, barns, and cold storage buildings.

NEC® article 406.9 (A) requires receptacles installed in damp locations to have an enclosure for the receptacle that is weatherproof when the receptacle is covered (attachment plug is not inserted and receptacle cover is closed).

An installation suitable for wet locations shall also be considered suitable for damp locations.

Therefore, all catalog numbers noted for compliance to 406.9 (B)(1) and 406.9 (B)(2) are also suitable for use in damp locations.

Applicable Arrow Hart products:

S1961	S1962

Wet or damp locations for switches
NEC® 404.4

A surface-mounted switch or circuit breaker in a damp or wet location shall be enclosed in a weatherproof enclosure, and flush-mounted switches and circuit breakers in damp or wet locations shall be equipped with a weatherproof cover.

Applicable Arrow Hart products:

S983	S984	S2983	S3999

Compliances, specifications and availability are subject to change without notice.

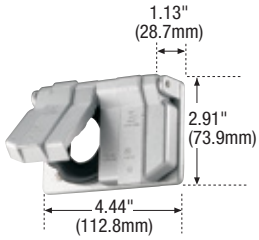
Weatherproof receptacle covers

Industrial specification grade device covers

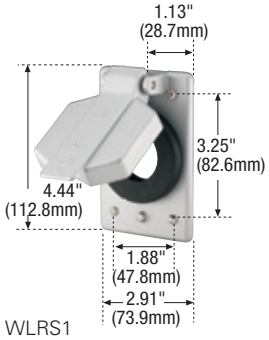
Product description

Metal covers for FS/FD boxes

Deluxe weatherproof covers for FS/FD boxes



WLRD1



WLRS1

Features

- UL Listed for wet locations (cover closed) and damp locations (cover open or closed)
- Meets 2014 NEC® 406.9 (A) and 406.9 (B)(2)
- Diecast copper free aluminum with epoxy finish provides maximum corrosion resistance
- Self-closing spring door assures full protection
- EPDM gasketing material on WLRD1 and WLRS1 provide excellent resistance to ozone, weathering and temperatures from -46°C to 127°C (-50°F to 260°F)

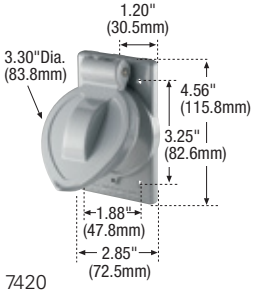
Diecast aluminum receptacle covers

Description	Catalog no.
Duplex receptacle cover, horizontal mounting	☐ WLRD1
Single receptacle cover, vertical mounting, 1.38" (34.9mm) face diameter, use with 15A, 20A straight blade and 15A receptacles	☐ WLRS1
Single receptacle cover, vertical mounting, 1.56" (39.7mm) face diameter, use with 20A and 30A receptacles	☐ WLRS2

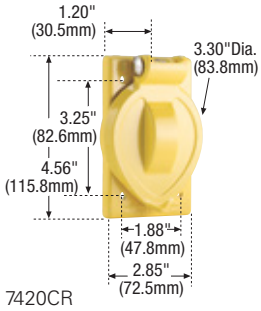
Standard weatherproof covers for FS/FD boxes

Features

- UL Listed for wet locations (cover closed) and damp locations (cover open or closed)
- Meets 2014 NEC® 406.9 (A) and 406.9 (B)(2)
- Self-closing spring door assures full protection
- Gasketing material provides excellent resistance to weather
- Duplex covers can be used with any duplex receptacle



7420



7420CR

Diecast aluminum receptacle covers

Description	Catalog no.	
Duplex receptacle cover, vertical mounting	☐ AH7879*	
Single receptacle cover, vertical mounting, 1.38-1.56" (34.9-39.7mm) face diameter, use with 15A and 20A single straight blade receptacles and 15A, 20A and 30A single receptacles	☐ 7420	•
Single receptacle cover, vertical mounting, 1.38-1.56" (34.9-39.7mm) face diameter, yellow corrosion resistant finish, used with 15A and 20A single straight blade receptacles and 15A, 20A and 30A single receptacles	☐ 7420CR	•
Single receptacle, vertical mounting for 2.12" (53.8mm) face diameter, use with 30A straight blade receptacles	☐ 7420A	•

* Not UL Listed
Note: Cat. no. 7420, 7420CR have inserts for protecting toggle; can be used with most standard length toggle switches.

Compliances, specifications and availability are subject to change without notice.

Indicates NAFTA compliant - Page Q-32

Weatherproof receptacle covers

Industrial specification grade device covers

Product description

Metal and nylon covers

7788CR

20416N

Weatherproof covers for 30A, 50A & 60A straight blade receptacles

Features

- UL Listed for wet locations (cover closed) and damp locations (cover open or closed)
- Meets 2014 NEC® 406.9 (A) and 406.9 (B)(2)
- Self-closing spring door assures full protection
- Gasketing material provides excellent resistance to weather

Diecast aluminum receptacle covers c UL us

Description	Catalog no.
Weatherproof lift lid cover for 4.69" (119.10mm) flush box, use box 2.125" (53.96mm) deep or larger	☐ 5741NS*
Weatherproof lift lid cover for FS/FD boxes, use box 2.125" (53.96mm) deep or larger	☐ 7420C

* Not UL Listed

Weatherproof covers for 50A locking devices in FS/FD boxes

Features

- UL Listed for wet locations (cover closed) and damp locations (cover open or closed)
- Meets 2014 NEC® 406.9 (A) and 406.9 (B)(2)
- Self-closing spring door assures full protection
- Gasketing material provides excellent resistance to weather

Diecast aluminum & glass-filled nylon covers c UL us

Description	Color	Catalog no.	
Diecast aluminum lift lid cover	Diecast aluminum	☐ 7770	•
Glass-filled nylon lift lid cover	Y	☐ 7788CR	•
Glass-filled nylon lift lid cover	BK	☐ 7788BK	•
Glass-filled nylon lift lid cover	GY	☐ 7788GY	•

Weatherproof covers for power-lock devices in FS/FD boxes

Features

- UL Listed for wet locations (cover closed) and damp locations (cover open or closed)
- Meets 2014 NEC® 406.9 (A) and 406.9 (B)(2)
- Self-closing spring door assures full protection
- Gasketing material provides excellent resistance to weather

Diecast aluminum & glass-filled nylon covers

Description	Color	Catalog no.	
Glass-filled nylon lift lid cover for 4-wire 30A receptacles	RD	☐ 20446N*	•
Glass-filled nylon lift lid cover for 4-wire 30A receptacles	GY	☐ 20416N	•
Lift lid cover for 4-wire 30A receptacles	Diecast aluminum	☐ 20416D	•

* Not CSA certified

Color information:

BK (Black), GY (Gray), RD (Red), Y (Yellow)

BK	GY	RD	Y	
(Black)	(Gray)	(Red)	(Yellow)	(Diecast Aluminum)

Compliances, specifications and availability are subject to change without notice.

Indicates NAFTA compliant - Page Q-32

Weatherproof receptacle covers

Weatherproof covers for locking and straight blade receptacles

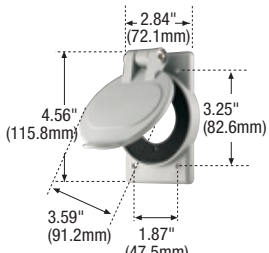
Product description

Nylon covers for FS/FD boxes

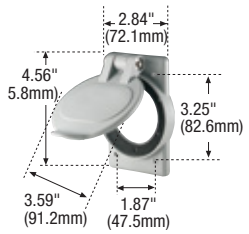
Weatherproof nylon covers for 15A, 20A & 30A devices

Features

- UL Listed for wet locations (cover closed) and damp locations (cover open or closed)
- Meets 2014 NEC® 406.9 (A) and 406.9 (B)(2)
- Rugged, glass-filled nylon provides high strength and wide temperature range for long life in abusive environments
- Easy mounting on FS/FD boxes or equipment panels
- Self-closing lift lid cover with neoprene gasket and stainless steel spring provides weather-proof protection
- Universal mounting holes to accept all Eaton's 15 & 20A and 30A locking flanged inlets and outlets, receptacles as well as devices with similar dimensions from other manufacturers



WP1



WP2

Glass-filled nylon covers

Description	Mtg. hole pattern	Color	Opening diameter	Catalog no.		
For 15 & 20A straight blade receptacles and 15A flanged inlets & outlets	2 holes 180°, 2.09" (53.1mm) bolt dia. circle	GY	1.75" (44.45mm)	☐ WP1*	•	•
For 20 & 30A flanged inlets & outlets and 30 & 50A, 3-W straight blade receptacles	Two sets of 3 equally spaced holes: 3 holes on 2.5" (63.5mm) bolt dia. circle and 3 holes on 2.69" (68.3mm) bolt dia. circle	GY	2.25" (57.15mm)	☐ WP2	•	•

* Not CSA certified

Metal weatherbox while-in-use weather protective covers

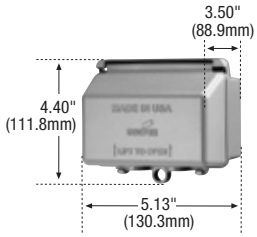
Product description

Metal 1-Gang lockable cover boxes

Metal while-in-use cover boxes

Features

- Meets 2014 NEC® 406.9 (B)(1) for receptacles in damp or wet locations for one or two family dwellings
- Diecast powder coated aluminum
- NEMA Type 3R rating
- Comes with gasket, mounting hardware, duplex receptacle insert and GFCI receptacle insert
- Lockable to prevent accidental disconnects



WIUMH-1

WIUM inserts

Metal protective covers

Description	# of available config. using inserts	Color	Depth	Catalog no.		
Vertical mount	2	GY	3.25" deep (82.6mm)	☐ WIUMV-1	•	•
Horizontal mount	2	GY	3.25" deep (82.6mm)	☐ WIUMH-1	•	•

Extra duty metal while-in-use protective covers

Description	# of available config. using inserts	Color	Depth	Catalog no.	
Vertical mount	2	GY	3.25" deep (82.6mm)	☐ WIUMV-1X	•
Horizontal mount	2	GY	3.25" deep (82.6mm)	☐ WIUMH-1X	•

Color information:

GY (Gray)

GY

(Gray)

Compliances, specifications and availability are subject to change without notice.

Indicates NAFTA compliant - Page Q-32

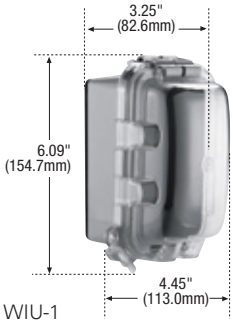
RoHS compliant - Page Q-32

Weatherproof while-in-use covers

Extra duty while-in-use weather protective covers

Product description

1-Gang extra duty, self-closing
2-Gang extra duty, self-closing



WIU-1

Single gang inserts

Features

- Meets 2014 NEC® 406.9 (B)(1) extra duty requirements for any application
- Rugged UV-resistant polycarbonate cover and back protects devices without cracking or breaking and is non-corrosive and non-conductive
- Self-closing cover
- Box inserts accommodate decorator devices, duplex receptacles and a variety of single receptacle sizes and toggle switches
- 1-Gang box includes 3 inserts for 16 different configurations
- 2-Gang box includes 4 inserts for over 60 different configurations
- Cord cover opening fits #12 AWG or lighter cord
- Includes pre-mounted gasket

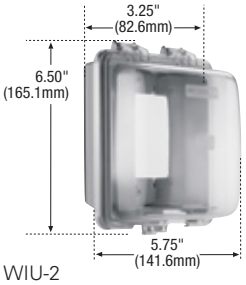
Extra duty while-in-use weather protective covers c UL us

Description	Gang	Color	Catalog no.	
Horizontal mount	1	GY	☐ WIU-1HX	•
Horizontal mount	1	W	☐ WIU-1WHX	•
Vertical mount	1	GY	☐ WIU-1VX	•
Vertical mount	1	W	☐ WIU-1WVX	•
Horizontal/vertical mount	2	GY	☐ WIU-2X	•
Horizontal/vertical mount	2	W	☐ WIU-2WX	•

While-in-use weather protective covers

Product description

1-Gang self-closing
1-Gang extra depth, self-closing
2-Gang, self-closing



WIU-2

2-Gang inserts

Features

- Rugged UV-resistant polycarbonate cover and back protects devices without cracking or breaking and is non-corrosive and non-conductive
- Moveable hinges reposition easily for vertical or horizontal mounting (1-Gang only)
- Self-closing cover
- 1-Gang box includes 3 inserts for 16 different configurations
- 2-Gang box includes 4 inserts for over 60 different configurations
- Includes pre-mounted gasket
- Meets Canadian electrical code rule 26-702

Standard duty while-in-use weather protective covers

Description	Gang	Color	Depth	Catalog no.	
Horizontal/vertical mount	1	GY	3.25" deep (82.6mm)	☐ WIU-1	•
Horizontal/vertical mount	1	W	3.25" deep (82.6mm)	☐ WIU-1W	•
Horizontal/vertical mount	1	GY	4.75" deep (120.7mm)	☐ WIU-1D	•
Horizontal/vertical mount	2	GY	3.25" deep (82.6mm)	☐ WIU-2	•
Horizontal/vertical mount	2	W	3.25" deep (82.6mm)	☐ WIU-2W	•

Color information:

GY (Gray), W (White)

GY	W
(Gray)	(White)

Compliances, specifications and availability are subject to change without notice.

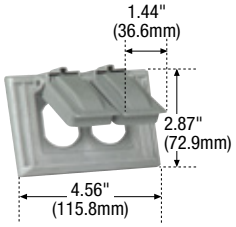
RoHS compliant - Page Q-32

Non-metallic weatherproof covers

Non-metallic weather protective covers

Product description

1-Gang self-closing, 1-Gang switch cover, 1-Gang stay open



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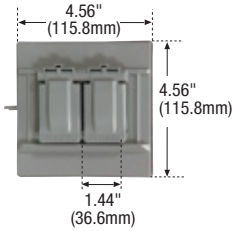

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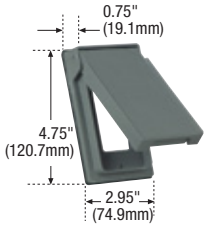

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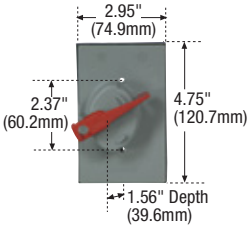

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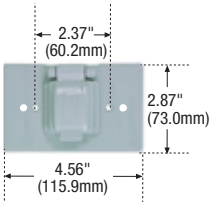

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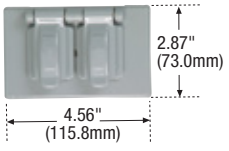


S1962

Non-metallic weatherproof receptacle covers

Features

- UL Listed for wet locations with cover closed
- Meets 2014 NEC® 406.9 (A) and 406.9 (B)(2)
- Tough plastic construction resistant to high impact and sunlight
- Non-corrosive and non-conductive
- Gasket provided seals both device openings and edges

1-Gang self-closing lids

Description	Mounting	Color suffix	Catalog no.	
Single receptacle	Horizontal	GY, W	☐ S1951__†	•
Duplex receptacle/combination device 2 self-closing lids	Horizontal	GY, W	☐ S1952__†	•
Oversize duplex receptacle/combination device	Horizontal	GY	☐ S1954*	•
Duplex receptacle	Vertical	GY, W	☐ S2962__**	•
	Horizontal	GY, W	☐ S3962__**	•
GFCI/decorator	Vertical	GY, W	☐ S2966__**	•
	Horizontal	BK, GY, W	☐ S3966__**	•

* UL Listed
† UL Listed and CSA cert
** cULus Listed

Non-metallic weatherproof switch covers

Features

- Switch lockable in "ON" or "OFF" position
- Red switch handle for easy visual location
- Meets 2014 NEC® 404.4
- Factory-attached gasket to cover minimizes labor for installer

1-Gang lids

Description	Mounting	Color	Catalog no.	
1-Gang flush mount switch cover	Vertical	GY	☐ S2983	•

Non-metallic protective receptacle covers

Features

- Not for use in wet locations
- Tough plastic construction resistant to high impact
- Non-corrosive and non-conductive
- Gasket provided seals both device and openings and edges

1-Gang stay open lids

Description	Mounting	Color suffix	Catalog no.	
Single receptacle	Horizontal	GY, W	☐ S1961__*	•
Duplex receptacle/combination device	Horizontal	BK, GY, W	☐ S1962__	•

BK (Black) GY (Gray) W (White)

Compliances, specifications and availability are subject to change without notice.

Indicates NAFTA compliant - Page Q-32

Metal weatherproof covers

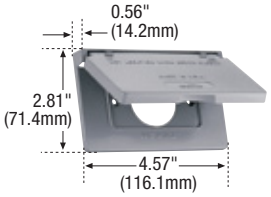
Product description

Metal 1- & 2-Gang self-closing covers
1-Gang blank wallplates

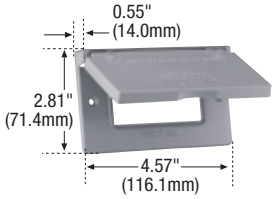
Metal weatherproof covers - wet locations

Features

- Meets 2014 NEC® 406.9 (A) and 406.9 (B)(2)
- Gasket provided seals both device openings and edges
- Electrostatically painted with a baked, weather-resistant powder coat finish for exceptional durability



S992



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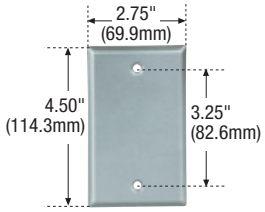


S1987

1-Gang self-closing lids

Description	Mounting	Color suffix	Catalog no.		
Single receptacle	Horizontal	GY	☐ S992	•	•
Duplex receptacle	Vertical	GY	☐ S994	•	•
Duplex receptacle, 2 self-closing lids	Horizontal	BLK, GY	☐ S989__	•	•
GFCI/decorator receptacle	Vertical	GY	☐ S966-SP	•	•
	Horizontal	GY	☐ S1966-SP	•	•
20A and 30A receptacles 1.625" (41.27mm) dia. opening	Vertical	GY	☐ S993-SP	•	•

1-Gang blank wallplate

Description	Mounting	Color	Catalog no.	
Blank wallplate	Horizontal or vertical	GY	☐ S1987	•

Color ordering information:

For ordering devices, include Catalog no. followed by the Color suffix: BLK (Black), GY (Gray).

BLK	GY
(Black)	(Gray)

Compliances, specifications and availability are subject to change without notice.

Indicates NAFTA compliant - Page Q-32

RoHS compliant - Page Q-32

Weatherproof covers with devices

Weatherproof covers & devices

Product description

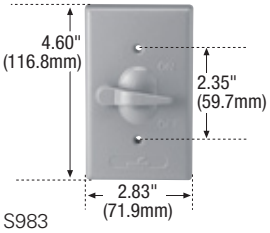
Metal & plastic
1-Gang covers

5-15P

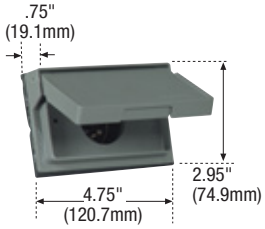
Weatherproof covers - wet locations

Features

- UL Listed for wet locations (with cover closed S3999)
- Meets 2014 NEC® 404.4
- Ready for outdoor installation
- Gasket seals both openings and edges



S983



S3999

1-Gang metal cover with switch

Switch rating A	V/AC	Description	Mounting	Color	Catalog no.		
10 5	125 "T" 250	Single-pole toggle switch with metal switch cover	Vertical	GY	☐ S983	•	•
		3-Way toggle switch with metal switch cover	Vertical	GY	☐ S984	•	•

1-Gang plastic cover with motor base inlet

Inlet rating A	V/AC	NEMA	Description	Mounting	Color	Catalog no.	
15	125	5-15P	Motor base inlet #5278 with weatherproof cover #3963	Horizontal	GY	☐ S3999	•

Accessories for specification grade receptacle covers

Description	Catalog no.		
Cast FS box	☐ 1113	•	•
Non-metallic FS box	☐ 6080*	•	

*UL Listed only

1113

6080

Color information:

GY (Gray)

GY

(Gray)

Compliances, specifications and availability are subject to change without notice.

Indicates NAFTA compliant - Page Q-32

RoHS compliant - Page Q-32

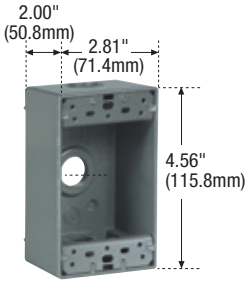
1-Gang weatherproof boxes

1-Gang boxes

Product description

Cast aluminum FS boxes
Non-metallic FS boxes

Cast aluminum weatherproof FS boxes



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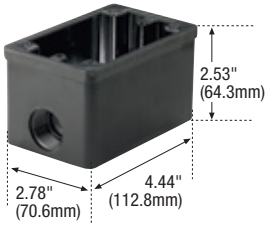


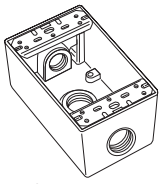
6080

Features

- Electrostatically painted with a baked, weather-resistant powder finish for exceptional durability
- Accept single gang weatherproof cover and standard FS covers
- UL Listed for wet and damp locations with appropriate cover installed
- Mounting lugs provide strength and durability on any mounting surface
- Raised knockout studs on back of box provide alternative means for wall mounting. Strike desired studs with sharp hammer blow for clean mounting holes
- Easy access ground screw hole located inside back wall of box
- Threaded outlets for conduit and connectors
- Two closure plugs and mounting lugs furnished

1-Gang FS boxes

Description	End openings	Back openings	Catalog no.		
3 hole 0.50" (12.70mm) dia.	1-1	1	☐ 1113	•	•
4 hole 0.50" (12.70mm) dia.	2-1	1	☐ 1114	•	•
5 hole 0.50" (12.70mm) dia.	2-2	1	☐ 1115	•	•
3 hole 0.75" (19.05mm) dia.	1-1	1	☐ 1116	•	•
5 hole 0.75" (19.05mm) dia.	2-2	1	☐ 1118	•	•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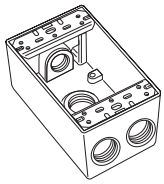
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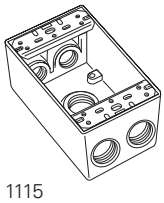
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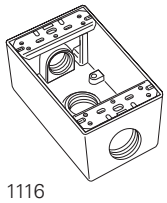
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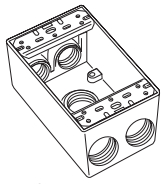

1118

Non-metallic weatherproof 1-Gang FS boxes

Description	Color	Catalog no.
FS Box with (2) 0.75" (19.05mm) IPS molded-in knockouts	BK	☐ 6080

Color information:

BK (Black)

BK

(Black)

Compliances, specifications and availability are subject to change without notice.

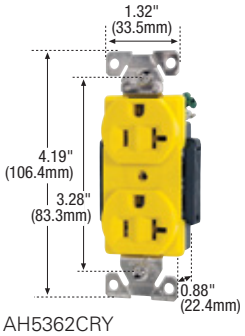
Indicates NAFTA compliant - Page Q-32

RoHS compliant - Page Q-32

Harsh environment receptacles

Product description

Corrosion & weather resistant receptacles
suitable for use with weatherproof covers & boxes



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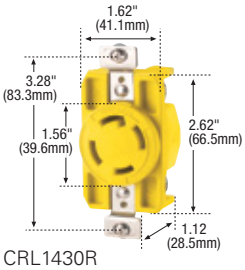
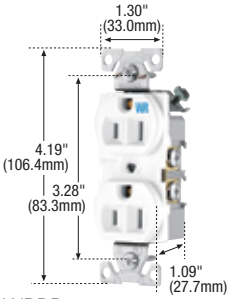
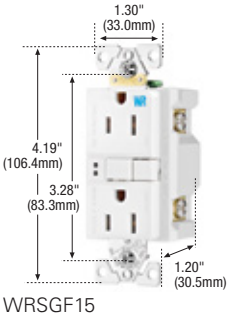


CRL1430R



WRBR15



WRSGF15

Corrosion resistant straight blade & locking receptacles

Rating A	Rating V/AC	NEMA	Description	Color suffix	Catalog no.	
15	125	5-15	Straight blade duplex receptacle	GY, Y	☐ AH5262CR__	•
		L5-15	Locking duplex receptacle	Y	☐ CR4700	•
20	125	5-20	Straight blade duplex receptacle	GY, Y	☐ AH5362CR__	•
		L5-20	Locking single receptacle	Y	☐ CRL520R	•
	250	L6-20	Locking single receptacle	Y	☐ CRL620R	•
	125/250	L14-20	Locking single receptacle	Y	☐ CRL1420R	•
	3Ø 250	L15-20	Locking single receptacle	Y	☐ CRL1520R	•
30	125	L5-30	Locking single receptacle	Y	☐ CRL530R	•
	250	L6-30	Locking single receptacle	Y	☐ CRL630R	•
	125/250	L14-30	Locking single receptacle	Y	☐ CRL1430R	•

For additional corrosion resistant products and information see section D - Complex environments

Weather resistant commercial grade receptacles

Rating A	Rating V/AC	NEMA	Description	Color suffix	Catalog no.	
15	125	5-15R	Duplex receptacle, back & side wire	B, V, W	☐ WRBR15__	•
20	125	5-20R	Duplex receptacle, back & side wire	B, V, W	☐ WRBR20__	•

WR receptacles comply with the requirements NEC 406.9(A) & (B)
Additional WR products and information on (A-18)

Specification grade GFCIs

Rating A	Rating V/AC	NEMA	Description	Color suffix	Catalog no.
15	125	5-15R	WR duplex GFCI, back & side wire	B, GY, V, W	☐ WRSGF15__
			TWR duplex GFCI, back & side wire	B, GY, LA, V, W	☐ TWRSGF15__
20	125	5-20R	WR duplex GFCI, back & side wire	B, BK, GY, V, W	☐ WRSGF20__
			TWR duplex GFCI, back & side wire	B, GY, LA, V, W	☐ TWRSGF20__

Includes standard size unbreakable wallplate unless otherwise noted
Additional GFCI products and information on (H-8)

Color ordering information:

For ordering devices, include Catalog no. followed by the Color suffix: B (Brown), BK (Black), GY (Gray), LA (Light Almond), V (Ivory), W (White), Y (Yellow)

B	BK	GY	LA	V	W	Y
(Brown)	(Black)	(Gray)	(Lt. Almond)	(Ivory)	(White)	(Yellow)

Compliances, specifications and availability are subject to change without notice.

WR Weather resistant TWR Tamper & weather resistant RoHS compliant - Page Q-32

Weather protective boots

Product description

For straight blade
& locking devices

BS1

BM1

BM2

7716EX

Features

- Neoprene resists oil, grease, and acids plus has long life properties
- Flexible and easy to apply to plug or connector
- Cord hole opening can be cut away for large diameter cords

Plug and connector weather protective boots

Product may be used with:	Plug catalog no.	Connector catalog no.	
15A and 20A, 2-pole, 3-wire straight blade auto grip, safety grip devices	☐ BS1	☐ BS2	•
15A industrial locking devices	☐ BS1	☐ BS2	•
20A 2-wire industrial locking devices	☐ BS1	☐ BS2	•
20A and 30A 2-pole, 3-wire and 3-pole, 3-wire locking safety grip devices	☐ BM1	☐ BM2	•
20A and 30A 4-wire and 5-wire industrial locking devices	☐ BL1	☐ BL2	•
Midget locking ML2 plugs and connectors when used with receptacle or inlet	☐ 74CM40	☐ 74CM40	•

50A pro grip plug and connector weather protective boots

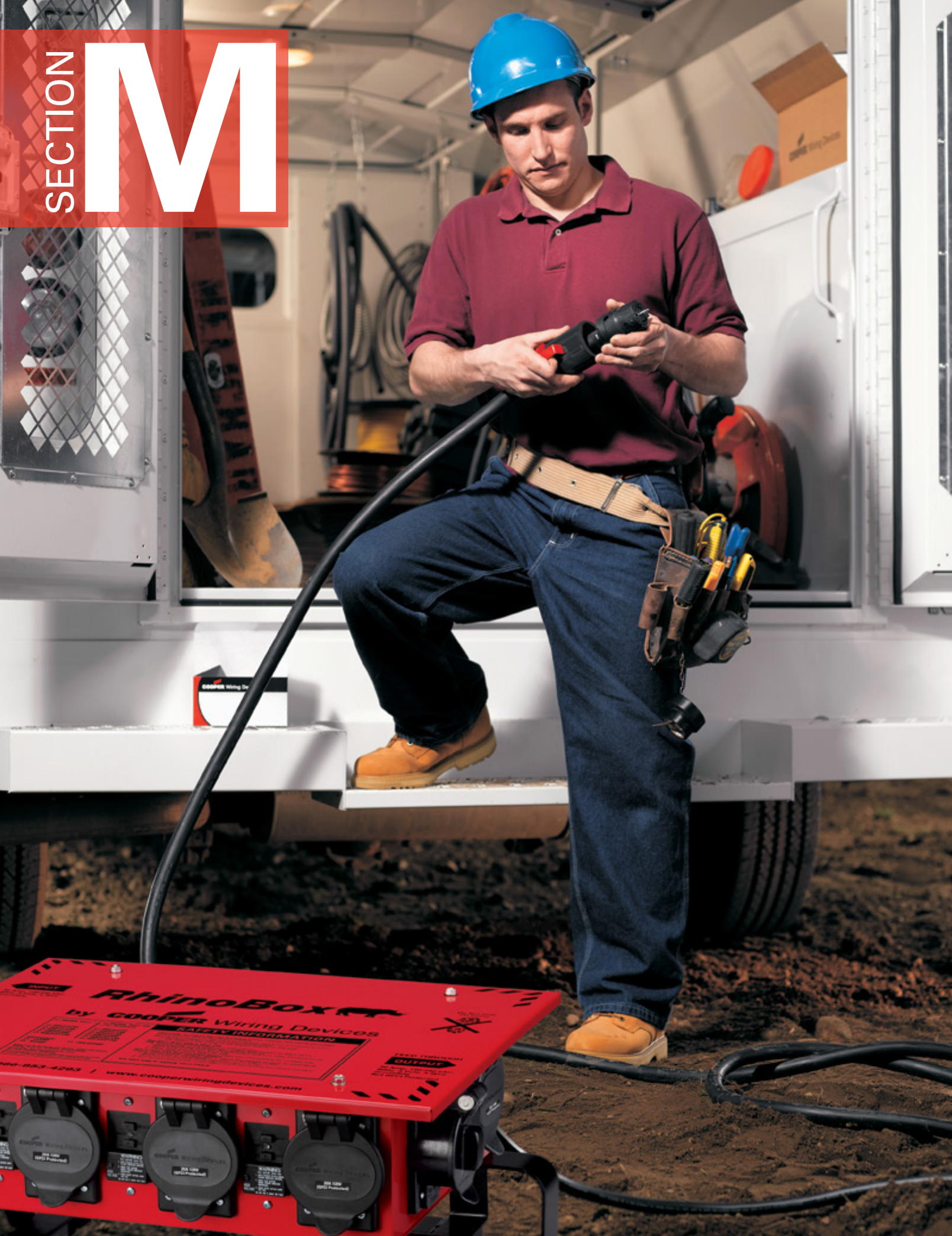
Description	Catalog no.	
Short boot, for 50A pro grip connector when used with 50A pro grip plug and 7717EX boot	☐ 7716EX	•
Long boot, for 50A pro grip plug when used with receptacle or 50A pro grip connector and 7716EX boot	☐ 7717EX	•

Compliances, specifications and availability are subject to change without notice.

RoHS compliant - Page Q-32

SECTION

M


RhinoBox
by COOPER Wiring Devices
SAFETY INFORMATION
OUTPUT
www.cooperwiringdevices.com

M
SECTION

Temporary Power Solutions

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M
SECTION

Temporary power families and applications

Safe and reliable power distribution

Arrow Hart's complete line of heavy duty temporary power devices are built tough to deliver safe, reliable temporary power for the most demanding commercial and industrial applications

Temporary power distribution

Arrow Hart's heavy duty RhinoBox temporary power distribution centers provide "plug & power" capability, multiple configuration options, and automatic or manual GFCI reset versions for reliable temporary power.

Cordsets, plugs & connectors

The rugged line of 50A pro grip plugs, connectors, cordsets and adapters are engineered to provide safe, secure connections with fast installation, superior performance and outstanding durability.

Portable GFCIs

Portable GFCIs are specifically designed to protect personnel and equipment from ground fault hazards in indoor or outdoor job site applications.

Portable outlet boxes

Arrow Hart's durable portable outlet boxes provide a safe alternative to common metal junction boxes and are especially useful for pendant station drops and stringer sets.

Temporary power applications

- Concerts
- Sporting events
- Film making
- Carnivals
- Trade shows

- Maintenance
- Demolition
- New construction
- Plant additions

- Disaster relief
- Gas stations
- Water treatment
- Cell towers

RhinoBox temporary power centers accessories

Product description

50A input
20A, 30A, 50A output
120/240 V/AC (max.)

PC50A

Features

- Use to connect RhinoBox to power sources and to additional RhinoBoxes in series
- Pro grip's tough nylon device housing resists impact in harsh environments
- Insulated body on cord sets for extra measure of safety
- Powerful cord-gripping capability helps eliminate conductor cord grip slip and strain on terminals

Pro grip cord sets & adapters

Rating A	Rating V/AC	Cord length	Description	Plug (male)	Plug (female)	Catalog no.	
45	125/250	50 ft.	California style devices, 6/4 flexible black UL extension cord	CS6365EX	CS6364EX	☐ PC50A	•
45		100 ft.	California style devices, 6/4 flexible black UL extension cord	CS6365EX	CS6364EX	☐ PC50B	•
45		4 ft.	Non-NEMA 6/4 flexible black blank/bare wire connector		CS6364EX	☐ PA50-6	•
45		4 ft.	NEMA 14-30P to 50A straight blade to 50A locking non-NEMA adapter	5732AN	CS6364EX	☐ A304WCSF	•
45		4 ft.	NEMA 14-50P to 50A straight blade to 50A locking non-NEMA adapter	5752AN	CS6364EX	☐ A504WCSF	•

RhinoBox replacement devices

Description	Catalog no.	
20A GFCI module (manual reset)	☐ 20GFMODM	
20A GFCI module (automatic reset)	☐ 20GFMODA	
50A 125/250V locking outlet	☐ CS6369	•
50A outlet flip cover (black)	☐ 7788BK	•
30A locking receptacle	☐ CWL630R	•
20A/30A locking receptacle flip cover (gray)	☐ WP2	•
20A locking receptacle	☐ CWL520R	•
20A single straight blade receptacle	☐ 1877BK	•
Duplex receptacle damp location cover	☐ S1962BK-P	•
20A duplex receptacle, weather-resistant (black)	☐ WRBR20BK	

Testing & code compliance: Pro-Grip plug & connector listed to UL498, file no. E3663. PC50A & PC50B Cord listed UL 62. cUL Certified to CSA 22.2 no. 42. ANSI/UL498-2008. NOM certified **Material characteristics:** Pro grip cord sets: outer shell: impact-modified nylon. Interior body: glass-filled nylon. Terminal clamps & screws: brass alloy, zinc-plated. Gasket: neoprene rubber.
Compliances, specifications and availability are subject to change without notice.

Indicates NAFTA compliant - Page Q-32

Temporary power solutions

Get the power you need on the job

RhinoBox heavy duty temporary power centers are designed to deliver safe and reliable temporary power in industrial and commercial job site conditions

Features & benefits

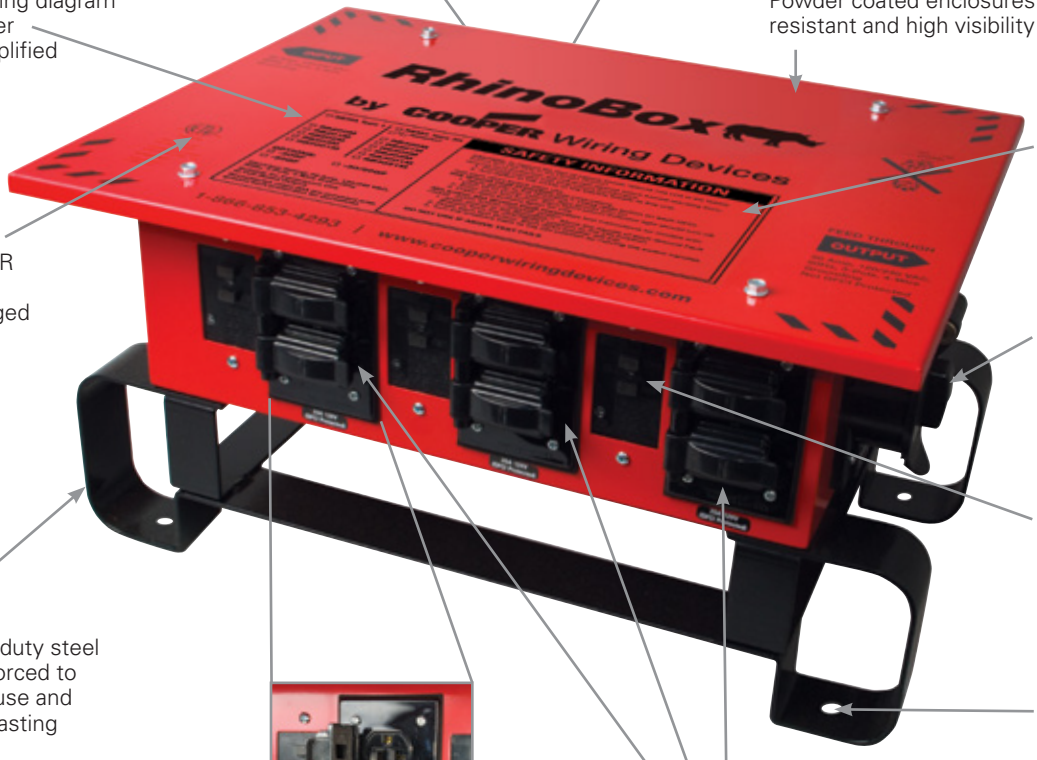
"Plug & power" temporary power centers provide reliable power for construction sites, renovations, demolition, sporting events, entertainment venues, filmmaking, carnivals and more. Plug into the power of RhinoBox for all your temporary power needs.

Tool less and hinged clear polycarbonate door over circuit breaker panel provides damp location protection

Unique interlocking legs ensure secure stacking for storage and transport

Complete wiring diagram on inside cover providing simplified identification

Powder coated enclosures are weather resistant and high visibility OSHA safety red



Clearly marked safety and testing instructions are easy to read

NEMA Type 3R protection for the most rugged environments

Flip covers provide maximum weather resistance

Ground fault circuit interrupters (GFCIs) protect against ground faults

Sturdy heavy duty steel legs are reinforced to withstand abuse and provide long lasting performance

3/8" holes in legs ideal for caster, sled legs and attachment to fixed surfaces

Weather resistant "WR" duplex receptacles provide more options for multi-use applications in outdoor environments

Available for locking and straight blade applications, devices have ratings that are clearly marked for easy identification

RhinoBox temporary power centers with GFCI protection

Product description

50A input
20A, 30A, 50A output
120/240 V/AC (max.)

RB302M

Features

- Safely centralize and distribute temporary power on the job site
- Unique patented "stackable" design allows multiple RhinoBox units to lock together for safe transport and storage
- NEMA Type 3R rainproof enclosures
- Available with manual or automatic GFCI reset configurations
- Weatherproof receptacle covers protect from damage and weather
- Flip-up circuit breaker cover prevent accidental tripping

RhinoBox

Rating A	Rating V/AC	Distribution devices	Receptacle ratings	Protection Overload	Protection GFCI	Catalog no.*	
50	120/240 Max.	(6) WR duplex receptacles	20A, 125V	✓	✓	☐ RB300M	•
		(1) Locking receptacle	30A, 250V	✓	✓		
		(1) Locking inlet	50A, 125/250V	—	—		
		(1) Locking outlet	50A, 125/250V	—	—		
50	120/240 Max.	(6) WR duplex receptacles	20A, 125V	✓	✓	☐ RB300M-L5	•
		(1) Locking receptacle	30A, 125V	✓	✓		
		(1) Locking inlet	50A, 125/250V	—	—		
		(1) Locking outlet	50A, 125/250V	—	—		
50	120/240 Max.	(6) Single receptacles	20A, 125V	✓	✓	☐ RB301M	•
		(1) Locking receptacle	30A, 250V	✓	—		
		(1) Locking inlet	50A, 125/250V	—	—		
		(1) Locking outlet	50A, 125/250V	—	—		
50	120/240 Max.	(6) Locking receptacles	20A, 125V	✓	✓	☐ RB302M	•
		(1) Locking receptacle	30A, 250V	✓	—		
		(1) Locking inlet	50A, 125/250V	—	—		
		(1) Locking outlet	50A, 125/250V	—	—		
50	120/240 Max.	(3) Single receptacles	20A, 125V	✓	✓	☐ RB303M	•
		(3) Locking receptacles	20A, 125V	✓	—		
		(1) Locking receptacle	30A, 250V	✓	—		
		(1) Locking inlet	50A, 125/250V	—	—		
		(1) Locking outlet	50A, 125/250V	—	—		
50	120/240 Max.	(7) WR duplex receptacles	20A, 125V	✓	✓	☐ RB3001M	•
		(1) Locking inlet	50A, 125/250V	—	—		
		(1) Locking outlet	50A, 125/250V	—	—		
50	120/240 Max.	(7) Locking receptacles	20A, 125V	✓	✓	☐ RB3021M	•
		(1) Locking inlet	50A, 125/250V	—	—		
		(1) Locking outlet	50A, 125/250V	—	—		

*Automatic GFCI reset configurations are available. When ordering automatic RhinoBox replace "M" in Catalog no. with "A". Example: RB300A = Automatic; RB300M = Manual.

5-20R L5-20R L6-30R

Plug Non-NEMA 50A 125/250V CA Standard

Receptacle Non-NEMA 50A 125/250V CA Standard

Testing & code compliance: cETLus listed for outdoor use - NEMA Type 3R products. Complies with NEC® Articles 525 & 590 & OSHA Reg. 29CFR, Part 1926, Subpart K, 1926.404, GFCI requirements. Conforms to UL1640 and CSA C22.2, no. 14.
Material characteristics: Enclosure: Cold-rolled 18 gauge steel. Legs: Cold-rolled 10 gauge steel.
Compliances, specifications and availability are subject to change without notice.

Indicates NAFTA compliant - Page Q-32

E-series - mission critical power when and where you need it

RhinoBox standard duty temporary power centers are designed to deliver safe and reliable temporary power in industrial and commercial job site conditions

Features & benefits

"Plug & power" E-series temporary power centers provide reliable power for construction sites, renovations, demolition, sporting events, entertainment venues, filmmaking, carnivals and more. Plug into the power of RhinoBox for all your temporary power needs.

Tool less and hinged metal door over circuit breaker panel provides damp location protection

Heavy duty safety yellow steel enclosure provides NEMA Type 3R weather resistance for long-lasting durability

Clearly marked safety and testing instructions are easy to read

Gasketed lift covers provide superior protection from the elements

Flip covers provide maximum weather resistance

50A locking inlet and receptacle for feed through applications

3/8" holes in legs ideal for caster, sled legs and attachment to fixed surfaces

Sturdy, heavy duty steel legs are reinforced to withstand abuse and provide long lasting performance

Unique interlocking legs provide sturdy and secure stacking for storage and transport

Available with manual or automatic GFCI reset configurations

RhinoBox temporary power centers with GFCI protection E-series

Product description

50A input
20A, 30A, 50A output
120/240 V/AC (max.)

RB300ME

Features

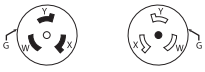
- Safely centralize and distribute temporary power on the job site
- Unique patented "stackable" design allows multiple RhinoBox units to lock together for safe transport and storage
- NEMA Type 3R enclosures designed with two devices per circuit
- Available with manual or automatic GFCI reset configurations
- Weatherproof receptacle covers protect from damage and weather
- Flip-up circuit breaker cover prevent accidental tripping

RhinoBox E-series

Rating A	Rating V/AC	Distribution devices	Receptacle ratings	Protection Overload	Protection GFCI	Catalog no.*	
50	120/240 Max.	(6) WR duplex receptacles	20A, 125V	✓	✓	☐ RB300ME	•
		(1) Locking receptacle	30A, 250V	✓	—		
		(1) Locking inlet	50A, 125/250V	—	—		
		(1) Locking outlet	50A, 125/250V	—	—		
50	120/240 Max.	(6) WR duplex receptacles	20A, 125V	✓	✓	☐ RB300ME-L5	•
		(1) Locking receptacle	30A, 125V	✓	—		
		(1) Locking inlet	50A, 125/250V	—	—		
		(1) Locking outlet	50A, 125/250V	—	—		
50	120/240 Max.	(6) Single receptacles	20A, 125V	✓	✓	☐ RB301ME	•
		(1) Locking receptacle	30A, 250V	✓	—		
		(1) Locking inlet	50A, 125/250V	—	—		
		(1) Locking outlet	50A, 125/250V	—	—		
50	120/240 Max.	(6) Locking receptacles	20A, 125V	✓	✓	☐ RB302ME	•
		(1) Locking receptacle	30A, 250V	✓	—		
		(1) Locking inlet	50A, 125/250V	—	—		
		(1) Locking outlet	50A, 125/250V	—	—		

*Automatic GFCI reset configurations are available. When ordering automatic RhinoBox replace "M" in Catalog no. with "A". Example: RB300AE = Automatic; RB300ME = Manual.

5-20R L5-20R L6-30R



Plug Non-NEMA 50A 125/250V CA Standard

Receptacle Non-NEMA 50A 125/250V CA Standard

Testing & code compliance: cETLus listed for outdoor use - NEMA Type 3R products. Complies with NEC® Articles 525 & 590 & OSHA Reg. 29CFR, Part 1926, Subpart K, 1926.404, GFCI requirements. Conforms to UL1640 and CSA C22.2, no. 14. **Material characteristics:** Enclosure: Cold-rolled 18 gauge steel. Legs: Cold-rolled 10 gauge steel.
Compliances, specifications and availability are subject to change without notice.

• Indicates NAFTA compliant - Page Q-32

Industrial grade portable GFCIs

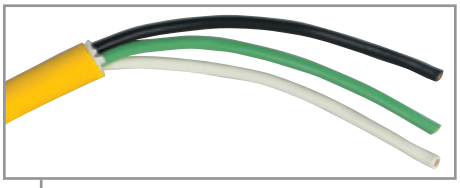
Portable protection from electrical injury

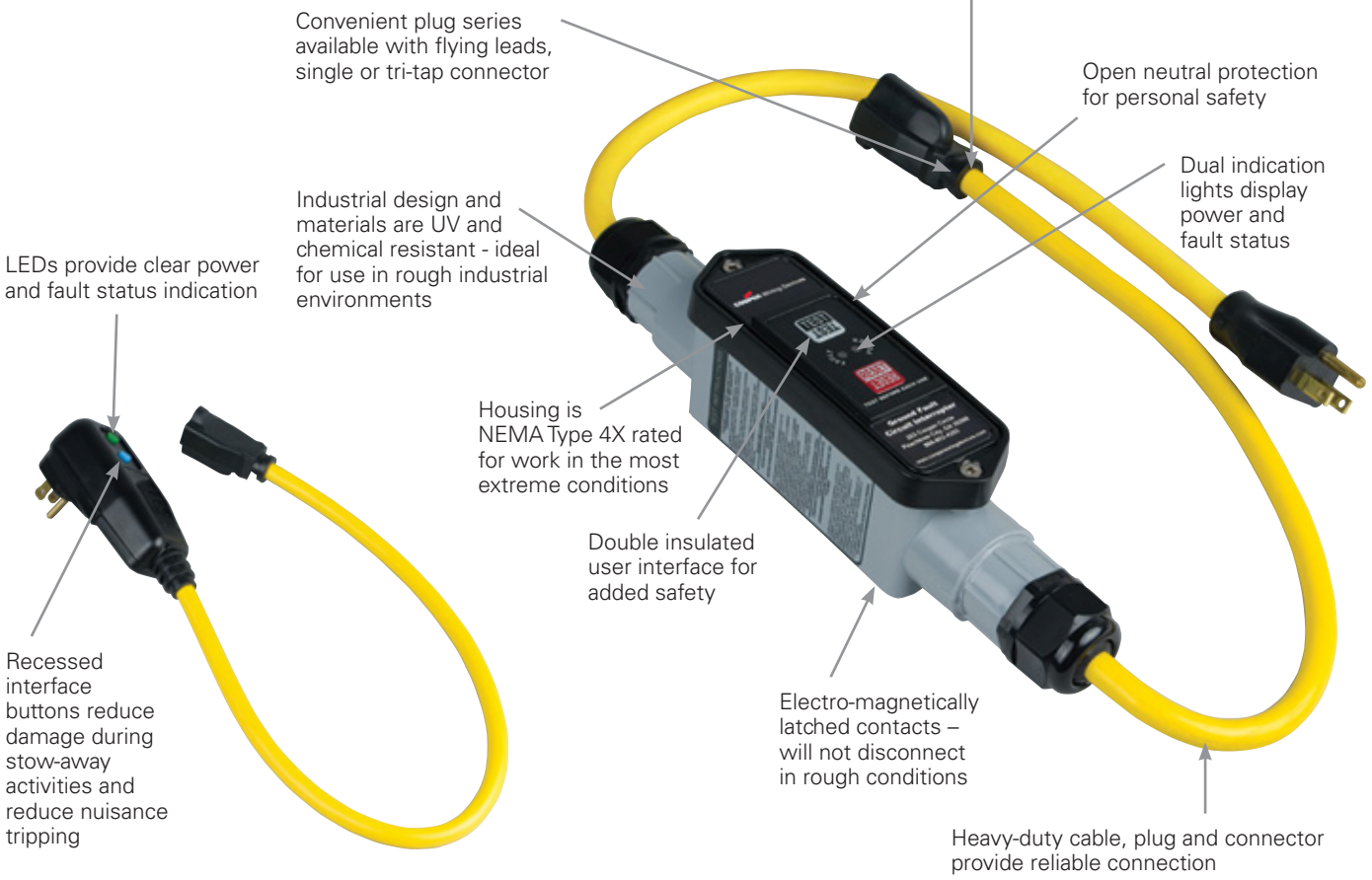
Arrow Hart's portable GFCIs give you the assurance that comes from knowing you are protected from ground fault hazards while on the job site

Features & benefits

Portable GFCIs offer exceptional protection against electrical shock when connected to power generators, agricultural equipment, portable electric heaters, submersible pumps, industrial washers, outdoor signs and vending equipment.

Available in a variety of cord lengths, with terminated devices or flying leads for field terminations





Related products

A full line of locking plugs and connectors, watertight devices, plus straight blade plugs & connectors provide many configuration options.

Severe duty devices

Watertight plugs & connectors

Straight blade plugs & connectors

15A Portable GFCIs

Product description

2-pole, 3-wire grounding
15A, 120 V/AC

GFP11M1P3

GFI11M133

GFI11MN3

Features

- High-strength polycarbonate housing for durability
- Compact body design
- NEMA Type 3R rated for indoor/outdoor use
- Field wireable versions available for attachment to existing cords or equipment power supply
- Automatic and manual GFCI reset options available

15A plug series - single & tri-tap

Rating A	Rating V/AC	NEMA	NEMA Type	Cord gauge	Plug type	Cord length	Catalog no.*	
15	120	5-15	3R	12/3 AWG	Single-tap	2' (0.61m)	☐ GFP11M1P3	•
					Tri-tap	2' (0.61m)	☐ GFP11M1P9	•
					Single-tap	25' (7.62m)	☐ GFP11M4P3	•
					Tri-tap	25' (7.62m)	☐ GFP11M4P9	•

*Automatic reset GFCIs also available. When ordering automatic portable GFCIs replace "M" in Catalog number with "A".
Example: GFP11A1P3 = Automatic; GFP11M1P3 = Manual.

15A plug series - field wireable

Rating A	Rating V/AC	NEMA	NEMA Type	Cord gauge	Plug type	Cord length	Catalog no.*	
15	120	5-15	3R	12/3 AWG	Flying leads	2' (0.61m)	☐ GFP11MNP	•

*Automatic reset GFCIs also available. When ordering automatic portable GFCIs replace "M" in Catalog number with "A".
Example: GFP11ANP = Automatic; GFP11MNP = Manual.

15A inline series - single & tri-tap

Rating A	Rating V/AC	NEMA	NEMA Type	Cord gauge	Plug type	Cord length	Catalog no.*	
15	120	5-15	3R	12/3 AWG	Single-tap	2' (0.61m)	☐ GFI11M133	•
					Tri-tap	2' (0.61m)	☐ GFI11M139	•
					Single-tap	6' (1.83m)	☐ GFI11M233	•
					Tri-tap	6' (1.83m)	☐ GFI11M239	•
					Single-tap	25' (7.62m)	☐ GFI11M433	•
					Tri-tap	25' (7.62m)	☐ GFI11M439	•
					Single-tap	50' (15.24m)	☐ GFI11M633	•
					Tri-tap	50' (15.24m)	☐ GFI11M639	•

*Automatic reset GFCIs also available. When ordering automatic portable GFCIs replace "M" in Catalog number with "A".
Example: GFI11A133 = Automatic; GFI11M133 = Manual.

15A inline series - field wireable

Rating A	Rating V/AC	NEMA	NEMA Type	Cord gauge	Plug type	Cord length	Catalog no.*
15	120	5-15	3R	12/3 AWG	Molded	1' (0.3m)	☐ GFI11MN3

*Automatic reset GFCIs also available. When ordering automatic portable GFCIs replace "M" in Catalog number with "A".
Example: GFI11AN3 = Automatic; GFI11MN3= Manual.

Material characteristics: Polycarbonate body. Temperature rating: -35°C to 66° (-31°F to 151°F).
Compliances, specifications and availability are subject to change without notice.

RoHS compliant - Page Q-32

Industrial grade portable GFCIs

20A Portable GFCIs

Product description

2-pole, 3-wire grounding
20A, 120 V/AC; 20A, 208 V/AC
20A, 240 V/AC; 20A, 277 V/AC

GFI12M1NN

GFI12M133

Features

- High-strength polycarbonate housing for durability
- Field wireable versions available for attachment to existing cords or equipment power supply
- Compact body design
- Automatic and manual GFCI reset options available

20A inline series - field wireable

Rating A	Rating V/AC	NEMA Type†	Cord gauge	Plug type	Cord length	Catalog no.*
20	120	4X	12/3 AWG	Flying leads	2' (0.61m)	☐ GFI12M1NN
	240	4X	12/3 AWG	Flying leads	2' (0.61m)	☐ GFI22M1NN
	208	4X	12/3 AWG	Flying leads	2' (0.61m)	☐ GFI92M1NN
	120	4X	12/3 AWG	Flying leads	6' (1.83m)	☐ GFI12M2NN
	240	4X	12/3 AWG	Flying leads	6' (1.83m)	☐ GFI22M2NN
	120	4X	12/3 AWG	Flying leads	25' (7.62m)	☐ GFI12M4NN
	240	4X	12/3 AWG	Flying leads	25' (7.62m)	☐ GFI22M4NN
	120	4X	12/3 AWG	Flying leads	50' (15.24m)	☐ GFI12M6NN
	240	4X	12/3 AWG	Flying leads	50' (15.24m)	☐ GFI22M6NN

†The housing and device must be 4X in order for the whole assembly to be 4X.
*Automatic reset GFCIs also available. When ordering automatic portable GFCIs replace "M" in Catalog number with "A".
Example: GFI12A1NN = Automatic; GFI12M1NN = Manual.

20A inline series - molded plug & connector

Rating A	Rating V/AC	NEMA	Cord gauge	Plug type	Cord length	Catalog no.*
20	120	5-20	12/3 AWG	Molded straight blade	2' (0.61m)	☐ GFI12M133
	120	L5-20	12/3 AWG	Molded locking	2' (0.61m)	☐ GFI12M144
	240	L6-20	12/3 AWG	Molded locking	2' (0.61m)	☐ GFI22M144

*Automatic reset GFCIs also available. When ordering automatic portable GFCIs replace "M" in Catalog number with "A".
Example: GFI12A133 = Automatic; GFI12M133 = Manual.

Material characteristics: Polycarbonate body. Temperature rating: -35°C to 66°C (-31°F to 151°F).
Compliances, specifications and availability are subject to change without notice.

30A Portable GFCIs

Product description

2-pole, 3-wire grounding
30A, 120 V/AC; 30A, 208 V/AC
30A, 240 V/AC; 30A, 277 V/AC

GFI13M1NN

GFI13M144

Features

- Housing is high-strength polycarbonate for durability
- Compact body design
- NEMA Type 4X† wet location rated for indoor/outdoor use
- Field wireable versions available for attachment to existing cords or equipment power supply
- Automatic and manual GFCI reset options available

30A inline series - field wireable, single phase

Rating A	Rating V/AC	NEMA Type†	Cord gauge	Plug type	Cord length	Catalog no.*
30	120	4X	10/3 AWG	Flying leads	2' (0.61m)	☐ GFI13M1NN
	240	4X	10/3 AWG	Flying leads	2' (0.61m)	☐ GFI23M1NN
	208	4X	10/3 AWG	Flying leads	2' (0.61m)	☐ GFI93M1NN
	277	4X	10/3 AWG	Flying leads	2' (0.61m)	☐ GFID3M1NN
	120	4X	10/3 AWG	Flying leads	6' (1.83m)	☐ GFI13M2NN
	240	4X	10/3 AWG	Flying leads	6' (1.83m)	☐ GFI23M2NN
	120	4X	10/3 AWG	Flying leads	25' (7.62m)	☐ GFI13M4NN
	240	4X	10/3 AWG	Flying leads	25' (7.62m)	☐ GFI23M4NN
	120	4X	10/3 AWG	Flying leads	50' (15.24m)	☐ GFI13M6NN
	240	4X	10/3 AWG	Flying leads	50' (15.24m)	☐ GFI23M6NN
	120	4X	10/3 AWG	Flying leads	100' (30.48m)	☐ GFI13M7NN
	240	4X	10/3 AWG	Flying leads	100' (30.48m)	☐ GFI23M7NN

†The housing and device must be 4X in order for the whole assembly to be 4X.
*Automatic reset GFCIs also available. When ordering automatic portable GFCIs replace "M" in Catalog number with "A".
Example: GFI13A1NN = Automatic; GFI13M1NN = Manual.

30A inline series - molded locking plug & connector

Rating A	Rating V/AC	NEMA	Cord gauge	Plug type	Cord length	Catalog no.*
30	120	L5-30	10/3 AWG	Molded locking	2' (0.61m)	☐ GFI13M144
	240	L6-30	10/3 AWG	Molded locking	2' (0.61m)	☐ GFI23M144

*Automatic reset GFCIs also available. When ordering automatic portable GFCIs replace "M" in Catalog number with "A".
Example: GFI13A144 = Automatic; GFI13M144 = Manual.

Material characteristics: Polycarbonate body. Temperature rating: -35°C to 66°C (-31°F to 151°F).
Compliances, specifications and availability are subject to change without notice.

Watertight portable GFCIs

Product description

2-pole, 3-wire grounding
15A, 120V/AC; 20A, 120V/AC; 20A, 240V/AC
30A, 120V/AC; 30A, 240V/AC

GFI12M155

Features

- Housing is high-strength polycarbonate for durability
- Compact body design
- Field wireable versions available for attachment to existing cords or equipment power supply
- Automatic and manual GFCI reset options available

15A, 20A and 30A inline series - watertight plug and connector

Rating A	Rating V/AC	NEMA	NEMA Type	Cord gauge	Plug type	Cord length	Catalog no.*	RoHS
15	120	5-15	4X	12/3 AWG	Straight blade	2' (0.61m)	☐ GFI11M155	•
					Straight blade	6' (1.83m)	☐ GFI11M255	•
					Straight blade	25' (7.62m)	☐ GFI11M455	•
					Straight blade	50' (15.24m)	☐ GFI11M655	•
20	120	5-20	4X	12/3 AWG	Straight blade	2' (0.61m)	☐ GFI12M155	
					Straight blade	6' (1.83m)	☐ GFI12M255	
					Straight blade	25' (7.62m)	☐ GFI12M455	
20	120	L5-20	4X	12/3 AWG	Locking	2' (0.61m)	☐ GFI12M166	
					Locking	6' (1.83m)	☐ GFI12M266	
					Locking	25' (7.62m)	☐ GFI12M466	
20	240	L6-20	4X	12/3 AWG	Locking	2' (0.61m)	☐ GFI22M166	
					Locking	6' (1.83m)	☐ GFI22M266	
					Locking	25' (7.62m)	☐ GFI22M466	
30	120	L5-30	4X	12/3 AWG	Locking	2' (0.61m)	☐ GFI13M166	
					Locking	6' (1.83m)	☐ GFI13M266	
					Locking	25' (7.62m)	☐ GFI13M466	
30	240	L6-30	4X	12/3 AWG	Locking	2' (0.61m)	☐ GFI23M166	
					Locking	6' (1.83m)	☐ GFI23M266	
					Locking	25' (7.62m)	☐ GFI23M466	

*Automatic reset GFCIs also available. When ordering automatic portable GFCIs replace "M" in Catalog number with "A".
Example: GFI11A155 = Automatic; GFI11M155 = Manual.

Material characteristics: Polycarbonate body. Temperature rating: -35°C to 66°C (-31°F to 151°F).
Compliances, specifications and availability are subject to change without notice.

RoHS compliant - Page Q-32

Portable outlet box

Built to withstand deliver and perform

Arrow Hart's portable outlet boxes offer a safe, durable and efficient temporary power solution

Features & benefits

Rough and tough industrial grade portable outlet boxes are the bridge you need on location to provide safe power to industrial plants, building maintenance, food & beverage facilities, construction sites, shipyards, entertainment venues, filmmaking sets and expositions.

Integrated strain relief system includes grommets to accommodate a wide range of cord sizes

Alcryn® is a registered trademark of Advanced Polymer Alloys, a subsidiary of Ferro Corporation.

Related products

A wide range of wiring devices are available in many amperages that complement the portable outlet box line – straight blade receptacles, locking receptacles, plugs and more. These devices are offered in watertight, weather protective, isolated ground and corrosion resistant styles.

Straight blade receptacles | Locking receptacles | Plugs | Corrosion-resistant & severe-duty devices

Compliances, specifications and availability are subject to change without notice.

Portable outlet boxes, cover plates & kits accessories

Standard depth box, extra depth box,
feed through box, portable outlet box covers

WD3059

WD3099

Cover plates

WD3059-DDN

Features

- Innovative one-piece design incorporates integrated strain relief and cover plate mounting holes (standard depth only)
- Rugged Alcryn® and Valox® materials provide durability in industrial applications
- Variety of standard and flip lid cover plates available for customized installations
- Non-conductive Alcryn® material provides protection against electric shock
- Large internal volume for ease of wiring

Portable outlet boxes

Description	Color	Catalog no.		
Standard depth	Y	☐ WD3059∞Δ	•	•
Extra depth	Y	☐ WD3099∞Δ	•	•
Extra depth feed through	Y	☐ WD3090F∞	•	•

Portable outlet box cover plates

Description	Diameter opening	Color	Catalog no.	
Duplex receptacle	–	BK	☐ WD3051BK	•
Single receptacle	1.56" (3.96mm)	BK	☐ WD3052BK	•
Single receptacle	1.39" (3.53mm)	BK	☐ WD3054BK	•
Decorator style	–	BK	☐ WD3055BK	•
Decorator style with flip lid	–	BK	☐ WD3056BK	•
Duplex receptacle with flip lid	–	BK	☐ WD3060BK	•
Blank plate	–	BK	☐ WD3061BK	•

Portable outlet box & cover plate kits

Description	Cover plate type	Catalog no.		
Standard depth	(2) Duplex receptacle	☐ WD3059-DDN∞Δ	•	•
Standard depth	(2) Duplex receptacle with flip lid	☐ WD3059-DDW∞Δ	•	•
Standard depth	(2) Single receptacle, dia.-1.39" (3.53mm)	☐ WD3059-SSN∞Δ	•	•
Standard depth	(2) Single receptacle, dia.-1.56" (3.96mm)	☐ WD3059-LLN∞Δ	•	•
Extra depth	(2) Duplex receptacle	☐ WD3099-DDN∞	•	•
Extra depth	(2) Duplex receptacle with flip lid	☐ WD3099-DDW∞	•	•
Extra depth	(2) Single receptacle, dia.-1.39" (3.53mm)	☐ WD3099-SSN∞	•	•
Extra depth	(2) Single receptacle, dia.-1.56" (3.96mm)	☐ WD3099-LLN∞	•	•
Extra depth feed through	(2) Duplex receptacle	☐ WD3090F-DDN∞	•	•
Extra depth feed through	(2) Duplex receptacle with flip lid	☐ WD3090F-DDW∞	•	•
Extra depth feed through	(2) Single receptacle, dia.-1.39" (3.53mm)	☐ WD3090F-SSN∞	•	•
Extra depth feed through	(2) Single receptacle, dia.-1.56" (3.96mm)	☐ WD3090F-LLN∞	•	•

∞Noted Cat. nos. are Yellow boxes, also available in All-Black. For ordering Black, include Cat. no. followed by the color code: BK
Δ cULus Listed
All Eaton's Wiring Devices' Portable Outlet Boxes have compression fittings. Alcryn® is a registered trademark of Advanced Polymer Alloys, a subsidiary of Ferro Corporation. Valox® is a registered trademark of the GE Company.

Color information:

BK (Black), Y (Yellow)

BK (Black) Y (Yellow)

Material characteristics: Flammability: Meets UL94 requirements, V0 rated. Environmental: Corrosion resistant, weather resistant to impact, heat, weather, oils, chemical, shock & UV exposure. Temperature rating: -35°C to 80°C (-31°F to 176°F).
Compliances, specifications and availability are subject to change without notice.

Indicates NAFTA compliant - Page Q-32 RoHS compliant - Page Q-32

Portable outlet box & receptacle combinations

Use the tables below to match portable outlet box kits and receptacles to meet your needs

AH5362CRY

AH5362BK

5361BK

CWL1620R

CRL1430R

Portable outlet box options

Description	Cover	Kit catalog no.	Receptacle options		
Standard depth	Duplex	☐ WD3059-DDN[Δ]	Duplex	•	•
Standard depth	Duplex with flip lids	☐ WD3059-DDW[Δ]	Duplex	•	•
Standard depth	Single (1.39")	☐ WD3059-SSN[Δ]	Small single	•	•
Standard depth	Single (1.56")	☐ WD3059-LLN[Δ]	Large single	•	•
Extra depth	Duplex	☐ WD3099-DDN	Duplex	•	•
Extra depth	Duplex with flip lids	☐ WD3099-DDW	Duplex	•	•
Extra depth	Single (1.39")	☐ WD3099-SSN	Small single	•	•
Extra depth	Single (1.56")	☐ WD3099-LLN	Large single	•	•
Extra depth feed through	Duplex	☐ WD3090F-DDN	Duplex	•	•
Extra depth feed through	Duplex with flip lids	☐ WD3090F-DDW	Duplex	•	•
Extra depth feed through	Single (1.39")	☐ WD3090F-SSN	Small single	•	•
Extra depth feed through	Single (1.56")	☐ WD3090F-LLN	Large single	•	•

Δ cULus Listed

Receptacle options

Rating A	Rating V/AC	Faceplate	Pole-wire	Description	Catalog no.		
20	125	Duplex	2P-3W	Corrosion resistant B&S wire YL	☐ AH5362CRY		•
		Duplex	2P-3W	Premium industrial B&S wire BK	☐ AH5362BK		•
		Duplex	2P-3W	Industrial B&S wire BK	☐ 5352BK		•
		Duplex	2P-3W	Construction B&S wire BK	☐ BR20BK	•	•
20	125	Small single	2P-3W	Premium industrial B&S wire BK	☐ 5361BK	•	•
		Small single	2P-3W	Industrial S wire BK	☐ 5351BK		•
15	125	Small single	2P-3W	Locking H/L BK	☐ CWL515R†	•	•
	250	Small single	2P-3W	Locking H/L BK	☐ CWL615R†	•	•
20	125	Large single	2P-3W	Locking H/L BK	☐ CWL520R	•	•
		Large single	2P-3W	Locking corrosion resistant H/L YL	☐ CRL520R	•	•
	250	Large single	2P-3W	Locking H/L BK	☐ CWL620R	•	•
		Large single	3P-4W	Locking 3PH H/L BK	☐ CWL1520R	•	•
		Large single	2P-3W	Locking corrosion resistant H/L YL	☐ CRL620R	•	•
		Large single	3P-4W	Locking corrosion resistant 3PH H/L YL	☐ CRL1520R	•	•
	125/250	Large single	3P-4W	Locking H/L BK	☐ CWL1420R	•	•
		Large single	3P-4W	Locking corrosion resistant H/L YL	☐ CRL1420R	•	•
	480	Large single	3P-4W	Locking 3PH H/L BK	☐ CWL1620R*†	•	•
30	125	Large single	2P-3W	Locking H/L BK	☐ CWL530R†	•	•
		Large single	2P-3W	Locking corrosion resistant H/L YL	☐ CRL530R	•	•
		Large single	2P-3W	Locking corrosion resistant H/L YL	☐ CRL630R	•	•
	250	Large single	2P-3W	Locking H/L BK	☐ CWL630R	•	•
		Large single	3P-4W	Locking 3PH H/L BK	☐ CWL1530R	•	•
	125/250	Large single	3P-4W	Locking H/L BK	☐ CWL1430R	•	•
		Large single	3P-4W	Locking corrosion resistant H/L YL	☐ CRL1430R	•	•
	480	Large single	3P-4W	Locking 3PH H/L BK	☐ CWL1630R*†	•	•

* Not Fed Spec, † Not NOM certified

Compliances, specifications and availability are subject to change without notice.

Indicates NAFTA compliant - Page Q-32

RoHS compliant - Page Q-32

RhinoBox temporary power center specification & performance data

RhinoBox temporary power centers

Product description

50A input
20A, 30A, 50A output
120/240V/AC (max.)

Device type	NEMA Type 3R enclosures, RB300 series, automatic or manual reset
Input	50A, 120/240V/AC, 60Hz, 3-pole, 4-wire grounding
Testing & code compliance	• cETLus listed for indoor or outdoor use • Complies with NEC Articles 525 & 590 • Complies with OSHA Reg. 29CFR, Part 1926, Subpart K, 1926.404, GFCI requirements • Conforms to UL1640 and CSA C22.2, no. 14
Environmental specifications	**Enclosure type:** NEMA Type 3R
Electrical specifications	**GFCI protection for 20A receptacles:** Yes **Overload protection:** Yes
Materials	**Enclosure:** Cold-rolled 18 gauge steel **Legs:** Cold-rolled 10 gauge steel

Portable outlet boxes, cover plates & assemblies

Product description

Standard depth box, extra depth box
feed-through box, portable outlet box covers

Device type	Portable outlet boxes	Portable outlet box cover plates
Color	Yellow or black	Black
Testing & code compliance	• Assemblies UL Listed to UL514C, UL467 and UL50 • Assemblies are NEMA Type 1 enclosures • Assemblies CSA certified to C22.2 no. 18 and C22.2 no. 94	• Assemblies UL Listed to UL514C, UL467 and UL50 • Assemblies are NEMA Type 1 enclosures • Assemblies CSA certified to C22.2 no. 18 and C22.2 no. 94
Environmental specifications	**Enclosure type/moisture resistance:** NEMA Type 1 **Physical & contaminant breakdown resistance:** Resistant to impact & shock, corrosion resistant, weather resistant, heat resistant, oil resistant, chemical resistant, resistant to breakdown from UV exposure **Flammability:** Meets UL 94 requirements; V0 rated **Temperature rating:** -35°C to 80°C (-32°F to 176°F)	**Enclosure type/moisture resistance:** N/A **Physical & contaminant breakdown resistance:** Resistant to impact & shock, corrosion resistant, weather resistant, heat resistant, oil resistant, chemical resistant, resistant to breakdown from UV exposure **Flammability:** Meets UL 94 requirements; V0 rated **Temperature rating:** -35°C to 80°C (-32°F to 176°F)
Mechanical specifications	**Strain relief fitting:** Compression fitting with gaskets to accommodate multiple cord diameters; diameter range #16/3 SO through #12/3 SO or 0.38" through 0.75" **Grommet accommodation:** Standard depth box (3 grommets): Small: 14/3 & 16/3 SJO Medium: 16/3 SOW & 12/3 SJO Large: 14/3 SOW & 12/5 SOW Extra depth & feed-through box (2 grommets): Small: 12/3, 12/4, 12/5, 10/3 SOW Large: 10/4 & 10/5 SOW	**Strain relief fitting:** N/A **Grommet accommodation:** N/A
Materials	**Body:** Valox® Alcryn® for WD3059 Santoprene™ for WD3099 and WD3090F	**Body:** Valox®

Alcryn® is a registered trademark of Advanced Polymer Alloys, a subsidiary of Ferro Corporation.
Valox® is a registered trademark of the GE Company.

Compliances, specifications and availability are subject to change without notice.

Industrial grade portable GFCIs

Product description

2-pole, 3-wire grounding
15A, 120V/AC
20A, 120V/AC; 20A, 208V/AC; 20A, 240V/AC; 20A, 277V/AC
30A, 120V/AC; 30A, 208V/AC; 30A, 240V/AC; 30A, 277V/AC

Device type	15A portable GFCIs Inline, plug series	20A portable GFCIs Inline series	30A portable GFCIs Inline series
Connection type	Molded plug & connector field wireable, or watertight plug & connector	Molded plug & connector, watertight plug & connector, or field wireable flying leads	Molded plug & connector, watertight plug & connector, or field wireable flying leads
Testing & code compliance	• cULus Listed to UL943 • OSHA 29 CFR 1926.404 (b)(1)(ii) & OSHA 29 CFR 1926.405 (a)(2)(ii)(G) • NEC 590.6, NEC 511.12, NEC 600.10, NEC 680.5, NEC 680.40	• Plug & connector ends: cULus Listed to UL943 • Field wireable: UL recognized component for US & Canada • OSHA 29 CFR 1926.404 (b)(1)(ii) & OSHA 29 CFR 1926.405 (a)(2)(ii)(G) • NEC 590.6, NEC 511.12, NEC 600.10, NEC 680.5, NEC 680.40	• Plug & connector ends: cULus Listed to UL943 • Field wireable: UL recognized component for US & Canada • OSHA 29 CFR 1926.404 (b)(1)(ii) & OSHA 29 CFR 1926.405 (a)(2)(ii)(G) • NEC 590.6, NEC 511.12, NEC 600.10, NEC 680.5, NEC 680.40
Environmental specifications	**GFCI enclosure protection:** NEMA Type 4X rated† **Temperature rating:** -35°C to 66°C (-31°F to 151°F)	**GFCI enclosure protection:** NEMA Type 4X rated† **Temperature rating:** -35°C to 66°C (-31°F to 151°F)	**GFCI enclosure protection:** NEMA Type 4X rated† **Temperature rating:** -35°C to 66°C (-31°F to 151°F)
Electrical specifications	**Rated supply voltage:** 120V/AC **Rated current/current:** Up to 15A or rating of wiring device and/or cable **Ground trip current:** 4-6 mA **Overload current:** 90A @ 125V/AC **Insulation voltage:** 4000V – 1 minute **Response time:** 25 mS max. **Let go voltage:** N/A	**Rated supply voltage:** 120V/AC, 208V/AC, 240V/AC, 277V/AC **Rated current/current:** Up to 20A or rating of wiring device and/or cable **Ground trip current:** 4-6 mA **Overload current:** 120A **Insulation voltage:** 4000V – 1 minute **Response time:** 25 mS max. **Let go voltage:** 60% rated voltage	**Rated supply voltage:** 120V/AC, 208V/AC, 240V/AC, 277V/AC **Rated current/current:** Up to 30A or rating of wiring device and/or cable **Ground trip current:** 4-6 mA **Overload current:** 180A **Insulation voltage:** 4000V – 1 minute **Response time:** 25 mS max. **Let go voltage:** 60% rated voltage
Mechanical specifications	**Reset type:** Manual or automatic **Operating frequency:** 60 Hz **GFCI type:** Class A **Endurance operations:** 3,000 operations **Switch interference:** N/A **Latching mechanism:** N/A	**Reset type:** Manual or automatic **Operating frequency:** 60 Hz **GFCI type:** Class A **Endurance operations:** 3,000 operations **Switch interference:** Double insulated **Latching mechanism:** Electro-magnetic	**Reset type:** Manual or automatic **Operating frequency:** 60 Hz **GFCI type:** Class A **Endurance operations:** 3,000 operations **Switch interference:** Double insulated **Latching mechanism:** Electro-magnetic
Materials	**Body:** Polycarbonate **Cord:** Heavy duty 12/3 SJTW cable	**Body:** Polycarbonate & ABS (Gray) **Cord:** Heavy duty 12/3 SJEOOW cable	**Body:** Polycarbonate & ABS (Gray) **Cord:** Heavy duty 10/3 SJTOW cable

†The housing and device must be 4X in order for the whole assembly to be 4X.

Compliances, specifications and availability are subject to change without notice.

SECTION N

Wire Mesh Grips

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Wire mesh strengthens your situation

Important safety and working load factors

Within certain families of grips, reference is made to an "approximate breaking strength". The approximate breaking strength represents an average calculation based upon actual tests on new, unused grips. Normal manufacturing conditions can produce a variation of as much as ±20% to the figures shown in our catalog.

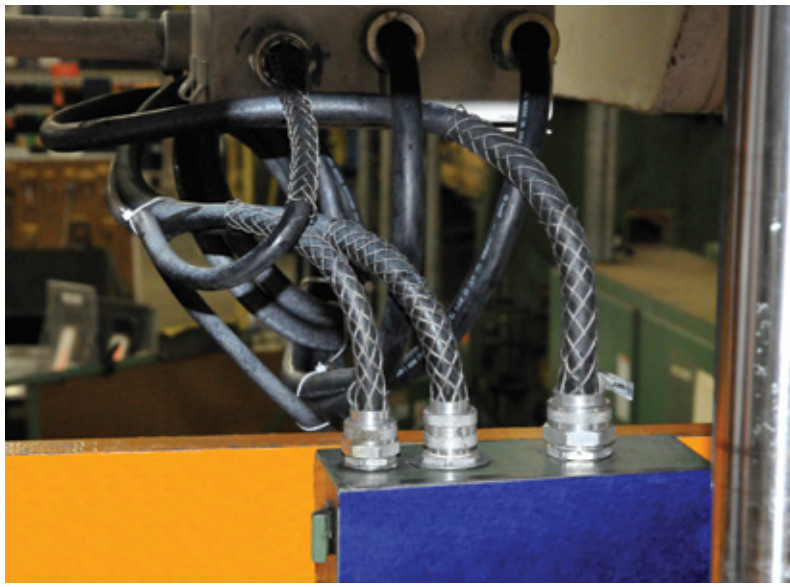
The approximate breaking strength of any Arrow Hart wire mesh cable grip is based on working load information established in laboratory testing. In making these determinations, it is not possible to cover all applications and operating conditions. Variables such as diameters, gripping surfaces, number of items gripped, tension, movement, attachment, abrasion, corrosion, prior use, or abuse must be assessed by the user. Greater safety factors should be utilized when the conditions of application are vague or unknown.

In order to assure safe installation and performance, it is imperative that adequate safety factors be taken into consideration to compensate for varied operating conditions to which wire mesh grips are subjected.

Wire mesh grips should never be used to the approximate breaking strength. For specific applications where strength and holding power are important, consult the manufacturer. To determine the recommended working load safety factor for listed cable grips, divide the approximate breaking strength by 5 for pulling grips and 10 for support grips. Arrow Hart maintains a 6 sigma safety factor for pulling grips and a 5 sigma safety factor for support grips for these recommended working loads (using average break strengths obtained on new grips under lab test conditions).

Example: For pulling grips – 33,000÷5=6,600 lbs. which is the workload factor.

Example: For support grips – 10,080÷10=1,008 lbs. which is the workload factor.



Compliances, specifications and availability are subject to change without notice.

Wire mesh grip families

Complete offering of wire mesh grips built tough for industrial applications

Arrow Hart supplies a broad selection of strain relief, pulling and support grips in a wide range of styles and sizes to serve all of your cable protection needs

Strain relief grips

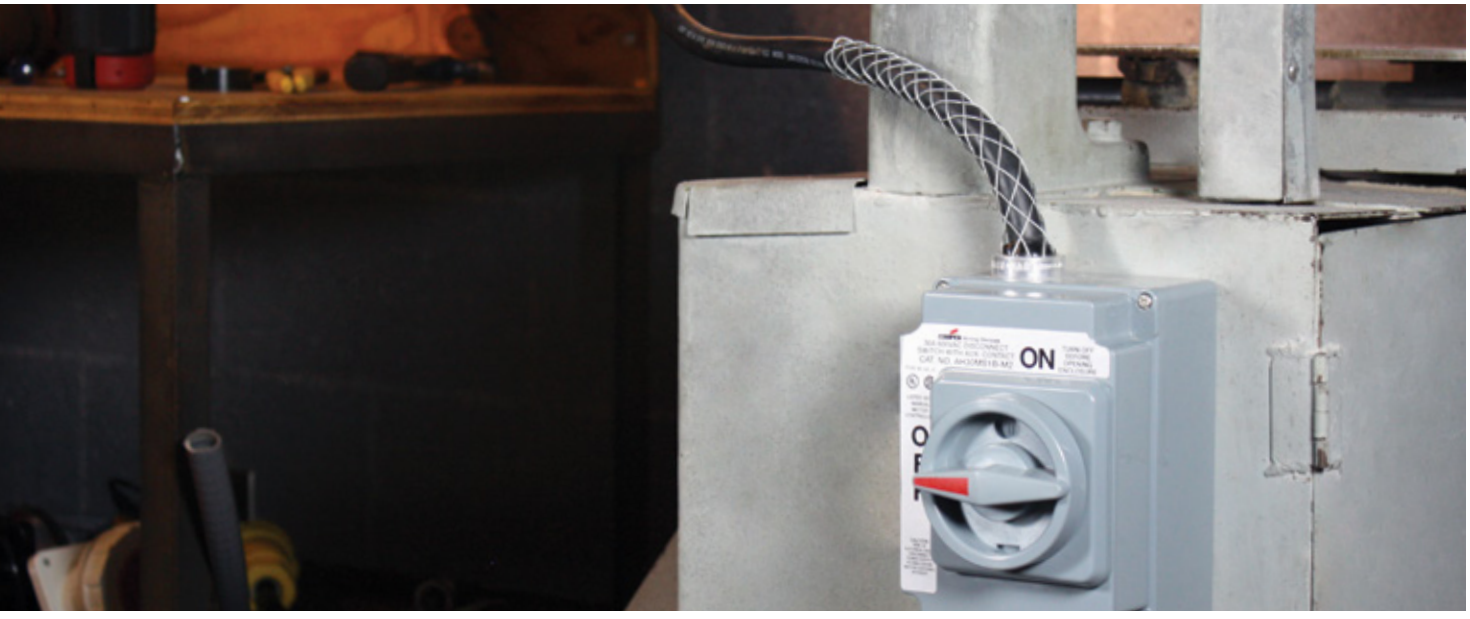
Strain relief grips are used to connect cable enclosures and industrial equipment. These grips prevent cable or conduit pull-out at the point of termination due to tension. Strain relief grips also distribute strain throughout the length of the mesh during bending, prolonging the life of the cable.

Support grips

Support grips distribute the weight of vertical drops and sloping runs over the length of the grip to protect the cable from damage. A variety of hanging styles are available to service numerous cable support installations.

Pulling grips

Pulling grips serve as reusable tools for pulling cables, wires and/or rope in overhead and underground cable pulls. These grips protect the cable from abrasion and ease the cable through bends and rough surfaces.



Quick reference selection guide

Strain relief grips

Prevent cable pullout
Reduce stress and strain on conductors at point of wire termination

Deluxe cord grips

DC series
Indoor and outdoor use where cord is subjected to moisture. Wiring of pendant stations, processing equipment and hand tools.

Dust tight wide range

TC series
Indoor use. Connects flexible cord to electrical enclosures.

I-grips

I series
Indoor and outdoor use. Provides heavy duty strain relief on plug and connector cord assemblies and portable equipment.

Flexible metallic conduit grips

LT series
Connects liquid-tight conduit to electrical enclosures. Provides a liquid-tight seal and protects against cable damage caused by vibration, flexing and strain.

Support grips

Hold and support cables, metal rods, hose and tubing

Standard duty support

SG series
Indoor and outdoor use. Supports vertical cable runs up to 99 feet and loads up to 600 pounds. Available in various mesh styles and attachment means.

Heavy duty support

SGT series
Indoor and outdoor use. Support vertical cable runs over 100 feet and loads over 600 pounds. Closed mesh only, single and double eye.

Service drop support

SD series
Indoor and outdoor use. Supports light duty cable, fiber optic cable and service entrance cable.

Bus drop support

BD series
Indoor use. Light duty support for overhead flexible cables or bus drop cables.

Pulling grips

Reusable cable installation tool

Junior pulling

LPJ series
Indoor use. Low tension pulls of insulated building wire through conduit.

Light duty

LP series
Indoor and outdoor use. Light pulls in general underground electrical construction.

Medium duty

UP series
Recommended for heavy or rugged applications and ideal for overhead and underground pulling applications.

Heavy duty

PH series
Handle longer or heavier pulling jobs such as installation of underground cables, communication lines and service lines.

Multi-weave

PM series
Designed for pulling aluminum or copper bare conductor, wire rope and insulated cables.

Slack

SK series
Indoor and outdoor use. Pulls slack for final placement of underground cable and removes old cable.

Compliances, specifications and availability are subject to change without notice.

Strain relief grips

Strain relief grips catalog numbering system*

Deluxe cord grips, dust tight grips,
I-grips & liquid-tight grips

Deluxe cord grips

Deluxe cord grips sample number:
DC7312-45

DC 7 312 45

Fitting size
0 = 3/8"
1 = 1/2"
2 = 3/4"
3 = 1"
4 = 1 1/4"
5 = 1 1/2"
6 = 2"
7 = 2 1/2"
8 = 3"

Cord diameter reference		
187 = .19-.25"	**1125** = 1.13-1.25"	**2062** = 2.06-2.19"
250 = .25-31"	**1250** = 1.25-1.38"	**2187** = 2.19-2.31"
312 = .31-.38"	**1312** = 1.31-1.44"	**2312** = 2.31-2.44"
375 = .38-.50"	**1437** = 1.44-1.56"	**2437** = 2.44-2.63"
500 = .50-.63"	**1562** = 1.56-1.69"	**2625** = 2.63-2.81"
625 = .63-.75"	**1687** = 1.69-1.81"	**2812** = 2.81-3.00"
750 = .75-.88"	**1750** = 1.75-1.88"	**3000** = 3.00-3.25"
875 = .88-1.00"	**1812** = 1.81-1.94"	
1000 = 1.00-1.13"	**1937** = 1.94-2.06"	

Angle or gender
45 = 45 Degree fitting
90 = 90 Degree fitting
F = Female

Dust tight grips

Dust tight grips sample number:
TCI4125

TC I 4 125

Insulation option
I = Insulated

Fitting size	
1 = 1/2"	**5** = 1 1/2"
2 = 3/4"	**6** = 2"
3 = 1"	**7** = 2 1/2"
4 = 1 1/4"	

Cord diameter reference		
24 = .22-.32"	**73** = .70-.97"	**150** = 1.40-1.75"
32 = .30-.43"	**97** = .94-1.25"	**170** = 1.62-2.00"
43 = .40-.54"	**125** = 1.20-1.50"	**200** = 2.00-2.45"
54 = .52-.73"		

I-grips

I-grips sample number:
I94

I 94

Cord diameter reference	
30 = .30-.45"	**70** = .70-.85
40 = .40-.56	**82** = .82-1.00
52 = .52-.73	**94** = .94-1.25"

Liquid-tight grips

Liquid-tight grips sample number:
LTB645

LTB 9 45

Fitting size	
0 = 3/8"	**5** = 1 1/2"
1 = 1/2"	**6** = 2"
2 = 3/4"	**7** = 2 1/2"
3 = 1"	**8** = 3"
4 = 1 1/4"	**9** = 4"

Angle
0 = Straight
45 = 45 Degree fitting
90 = 90 Degree fitting

*Not for use with watertight grips

Compliances, specifications and availability are subject to change without notice.

Deluxe cord grips

Product description

3/8", 1/2" & 3/4" NPT

Deluxe cord grips
straight male connector

Deluxe cord grips
90° male connector

Deluxe cord grips
45° male connector

Deluxe cord grips
straight female connector

Features & applications

- Deluxe cord grips are woven of stainless steel mesh with an aluminum body for corrosion resistance
- They are offered in single/double weave construction to help absorb direct pull, to resist flexing and binding and to eliminate strain
- Prevents pull tension reducing cable pullout and system downtime
- Eliminates direct tension from terminals removing strain from critical electrical connection
- For use where cable or cord is exposed to moisture or where frequent washdown occurs. Ideal for food processing equipment, hand tools, pendant stations, pumps, compressors and Arrow Hart Pin & Sleeve plugs and connectors
- Deluxe grips are suitable for use in hazardous locations per Class I, Div. 2; Class II, Div. 1 & 2; and Class III, Div. 1 & 2

3/8" NPT deluxe cord grips

Cord diameter	Straight male catalog no.		90° Male catalog no.	
0.19-0.25" (4.8-6.4mm)	☐ DC000187	•	☐ DC000187-90	•
0.25-0.31" (6.4-7.9mm)	☐ DC000250	•	☐ DC000250-90	•
0.31-0.38" (7.9-9.7mm)	☐ DC000312	•	☐ DC000312-90	•
0.38-0.50" (9.7-12.7mm)	☐ DC000375	•	☐ DC000375-90	•

1/2" NPT deluxe cord grips

Cord diameter	Straight male catalog no.		90° Male catalog no.		45° Male catalog no.		Straight female catalog no.	
0.19-0.25" (4.8-6.4mm)	☐ DC100187	•	☐ DC100187-90	•	☐ DC100187-45	•	☐ DC100187-F*	•
0.25-0.38" (6.4-9.6mm)	☐ DC100250	•	☐ DC100250-90	•	☐ DC100250-45	•	☐ DC100250-F*	•
0.38-0.50" (9.7-12.7mm)	☐ DC100375	•	☐ DC100375-90	•	☐ DC100375-45	•	☐ DC100375-F*	•
0.50-0.63" (12.7-16.0mm)	☐ DC100500	•	☐ DC100500-90	•	☐ DC100500-45	•	☐ DC100500-F*	•
0.63-0.75" (16.0-19.1mm)	☐ DC100625*	•	—		—		—	
0.75-0.88" (19.1-22.4mm)	☐ DC100750*	•	—		—		—	

* Not UL Listed

3/4" NPT deluxe cord grips

Cord diameter	Straight male catalog no.		90° Male catalog no.		45° Male catalog no.		Straight female catalog no.	
0.25-0.38" (6.4-9.6mm)	☐ DC200250	•	☐ DC200250-90	•	☐ DC200250-45	•	☐ DC200250-F*	•
0.38-0.50" (9.7-12.7mm)	☐ DC200375	•	☐ DC200375-90	•	☐ DC200375-45	•	☐ DC200375-F*	•
0.50-0.63" (12.7-16.0mm)	☐ DC200500	•	☐ DC200500-90	•	☐ DC200500-45	•	☐ DC200500-F*	•
0.63-0.75" (16.0-19.1mm)	☐ DC200625	•	☐ DC200625-90	•	☐ DC200625-45	•	☐ DC200625-F*	•
0.75-0.88" (19.1-22.4mm)	☐ DC200750*	•	—		—		—	

* Not UL Listed

Compliances, specifications and availability are subject to change without notice.

Indicates NAFTA compliant - Page Q-30

Deluxe cord grips

Product description

1", 1-1/4" & 1-1/2" NPT

Deluxe cord grips
straight male connector

Deluxe cord grips
90° male connector

Deluxe cord grips
45° male connector

Deluxe cord grips
straight female connector

Features & applications

- Deluxe cord grips are woven of stainless steel mesh with an aluminum body for corrosion resistance
- They are offered in single/double weave construction to help absorb direct pull, to resist flexing and binding and to eliminate strain
- Prevents pull tension reducing cable pullout and system downtime
- Eliminates direct tension from terminals removing strain from critical electrical connection
- For use where cable or cord is exposed to moisture or where frequent washdown occurs. Ideal for food processing equipment, hand tools, pendant stations, pumps, compressors and Arrow Hart Pin & Sleeve plugs and connectors
- Deluxe grips are suitable for use in hazardous locations per Class I, Div. 2; Class II, Div. 1 & 2; and Class III, Div. 1 & 2

1" NPT deluxe cord grips

Cord diameter	Straight male catalog no.		90° Male catalog no.		45° Male catalog no.		Straight female catalog no.	
0.44-0.56" (11.2-14mm)	☐ DC300437*	•	☐ DC300437-90	•	☐ DC300437-45*	•	☐ DC300437-F*	•
0.56-0.69" (14.2-17.5mm)	☐ DC300562*	•	☐ DC300562-90	•	☐ DC300562-45*	•	☐ DC300562-F*	•
0.63-0.75" (16.0-19.1mm)	☐ DC300625	•	☐ DC300625-90	•	☐ DC300625-45	•	☐ DC300625-F*	•
0.75-0.88" (19.1-22.4mm)	☐ DC300750	•	☐ DC300750-90	•	☐ DC300750-45	•	☐ DC300750-F*	•
0.88-1.00" (22.4-25.4mm)	☐ DC300875	•	☐ DC300875-90	•	☐ DC300875-45	•	☐ DC300875-F*	•
1.00-1.13" (25.4-28.7mm)	☐ DC3001000*	•	—		—		—	
1.13-1.25" (28.7-31.8mm)	☐ DC3001125*	•	—		—		—	

* Not UL Listed

1 1/4" NPT deluxe cord grips

Cord diameter	Straight male catalog no.		90° Male catalog no.	
0.75-0.88" (19.1-22.4mm)	☐ DC400750*	•	☐ DC400750-90*	•
0.88-1.00" (22.4-25.4mm)	☐ DC400875	•	☐ DC400875-90	•
1.00-1.13" (25.4-28.7mm)	☐ DC4001000	•	☐ DC4001000-90	•
1.13-1.25" (28.7-31.8mm)	☐ DC4001125	•	☐ DC4001125-90	•
1.25-1.38" (31.8-35.1mm)	☐ DC4001250	•	☐ DC4001250-90	•

* Not UL Listed

1 1/2" NPT deluxe cord grips

Cord diameter	Straight male catalog no.		90° Male catalog no.	
0.75-0.88" (19.1-22.4mm)	☐ DC500750*	•	☐ DC500750-90*	•
0.88-1.00" (22.4-25.4mm)	☐ DC500875	•	☐ DC500875-90	•
1.00-1.13" (25.4-28.7mm)	☐ DC5001000	•	☐ DC5001000-90	•
1.13-1.25" (28.7-31.8mm)	☐ DC5001125	•	☐ DC5001125-90	•
1.25-1.38" (31.8-35.1mm)	☐ DC5001250	•	☐ DC5001250-90	•
1.31-1.44" (33.3-36.6mm)	☐ DC5001312*	•	—	
1.44-1.56" (36.6-39.6mm)	☐ DC5001437*	•	—	
1.56-1.69" (39.6-43.0mm)	☐ DC5001562*	•	—	
1.69-1.81" (43.0-46.0mm)	☐ DC5001687*	•	—	
1.75-1.88" (44.5-47.8mm)	☐ DC5001750*	•	—	

* Not UL Listed

Compliances, specifications and availability are subject to change without notice.

Indicates NAFTA compliant - Page Q-30

Deluxe cord grips

Product description

2", 2-1/2" & 3" NPT

Deluxe cord grips
straight male connector

Features & applications

- Deluxe cord grips are woven of stainless steel mesh with an aluminum body for corrosion resistance
- They are offered in single/double weave construction to help absorb direct pull, to resist flexing and binding and to eliminate strain
- For use where cable or cord is exposed to moisture or where frequent washdown occurs. Ideal for food processing equipment, hand tools, pendant stations, pumps and compressors
- Deluxe grips are suitable for use in hazardous locations per Class I, Div. 2; Class II, Div. 1 & 2; and Class III, Div. 1 & 2

Deluxe cord grips
90° male connector

2" NPT deluxe cord grips

Cord diameter	Straight male catalog no.		90° Male catalog no.	
1.25-1.38" (31.8-35.1mm)	☐ DC6001250	•	☐ DC6001250-90	•
1.31-1.44" (33.3-36.6mm)	☐ DC6001312	•	☐ DC6001312-90	•
1.44-1.56" (36.6-39.6mm)	☐ DC6001437	•	☐ DC6001437-90	•
1.56-1.69" (39.6-43.0mm)	☐ DC6001562	•	☐ DC6001562-90	•
1.69-1.81" (43.0-46.0mm)	☐ DC6001687	•	☐ DC6001687-90	•
1.75-1.88" (44.5-47.8mm)	☐ DC6001750	•	☐ DC6001750-90	•
1.81-1.94" (45.9-49.3mm)	☐ DC6001812	•	—	
1.94-2.06" (49.3-52.3mm)	☐ DC6001937	•	—	
2.06-2.19" (52.3-55.5mm)	☐ DC6002062	•	—	
2.19-2.31" (55.5-58.7mm)	☐ DC6002187	•	—	
2.31-2.44" (58.7-61.9mm)	☐ DC6002312	•	—	

Deluxe cord grips
45° male connector

2 1/2" NPT deluxe cord grips

Cord diameter	Straight male catalog no.	
1.69-1.81" (43.0-46.0mm)	☐ DC7001687	•
1.81-1.94" (46.0-49.3mm)	☐ DC7001812	•
1.94-2.06" (49.3-52.3mm)	☐ DC7001937	•
2.06-2.19" (52.3-55.6mm)	☐ DC7002062	•
2.19-2.31" (55.6-58.7mm)	☐ DC7002187	•
2.31-2.44" (58.7-62.0mm)	☐ DC7002312	•

Deluxe cord grips
straight female connector

3" NPT deluxe cord grips

Cord diameter	Straight male catalog no.	
1.69-1.81" (43.0-46.0mm)	☐ DC8001687	•
1.81-1.94" (46.0-49.3mm)	☐ DC8001812	•
1.94-2.06" (49.3-52.3mm)	☐ DC8001937	•
2.06-2.19" (52.3-55.6mm)	☐ DC8002062	•
2.19-2.31" (55.6-58.7mm)	☐ DC8002187	•
2.31-2.44" (58.7-62.0mm)	☐ DC8002312	•
2.44-2.63" (62.0-66.5mm)	☐ DC8002437	•
2.63-2.81" (66.5-71.4mm)	☐ DC8002625	•
2.81-3.00" (71.4-76.2mm)	☐ DC8002812	•
3.00-3.25" (76.2-82.6mm)	☐ DC8003000	•

Compliances, specifications and availability are subject to change without notice.

Indicates NAFTA compliant - Page Q-30

Dust tight grips

Product description

Wide range - straight male NPT

TCI254

Features & applications

- Provides secure cable termination and prevents cable pullout
- Absorbs longitudinal stresses placed on the point of termination caused by pulling or bending the cable
- Supplied with locknut, nylon insulated bushing and neoprene gasket to provide a dirt and dust free seal
- Constructed with steel mesh and aluminum threaded body adding to safety by extending cable life
- Wide range, single weave mesh construction
- Recommended for indoor use in wiring of enclosures, power boxes, machine tools and power centers

Dust tight grips

Cord diameter	NPT	Non-insulated catalog no.		Insulated catalog no.	
0.22-0.32" (5.6-8.1mm)	1/2" (12.7mm)	☐ TC124*	•	☐ TCI124	•
0.30-0.43" (7.6-10.9mm)	1/2" (12.7mm)	☐ TC132*	•	☐ TCI132	•
0.40-0.54" (10.1-13.7mm)	1/2" (12.7mm)	☐ TC143*	•	☐ TCI143	•
0.52-0.73" (13.2-18.5mm)	3/4" (19.0mm)	☐ TC254*	•	☐ TCI254	•
0.70-0.97" (17.8-24.6mm)	1" (25.4mm)	☐ TC373*	•	☐ TCI373	•
0.94-1.25" (23.8-31.8mm)	1-1/4" (31.8mm)	☐ TC497*	•	☐ TCI497	•
1.20-1.50" (30.5-38.1mm)	1-1/2" (38.1mm)	—		☐ TCI5125	•
1.40-1.75" (38.1-44.5mm)	2" (50.8mm)	—		☐ TCI6150	•
1.62-2.00" (41.1-50.8mm)	2-1/2" (63.5mm)	—		☐ TCI7170	•
2.00-2.45" (50.8-62.2mm)	2-1/2" (63.5mm)	—		☐ TCI7200	•

* Not UL Listed

I-grips

Product description

Wire mesh I-grip

I52

Features & applications

- Provides heavy duty strain relief and controls the bending arc on 2-wire, 3-wire, 4-wire and 5-wire Arrow Hart safety grip plug and connector cord assemblies
- Single weave wire mesh made of high strength galvanized steel
- Fast, easy installation. Eye tabs fit under the nylon cord clamps, screws slide through the tabs and secure the grip in place
- Ideal for portable equipment in industrial and commercial applications

I-grips

Cord diameter	Mesh length	Catalog no.	
0.30-0.43" (7.6-10.9mm)	4.75" (120.6mm)	☐ I30	•
0.40-0.56" (10.1-14.2mm)	6.00" (152.4mm)	☐ I40	•
0.52-0.73" (13.2-18.5mm)	7.00" (177.8mm)	☐ I52	•
0.70-0.85" (17.8-21.6mm)	8.50" (215.9mm)	☐ I70	•
0.82-1.00" (20.8-25.4mm)	8.50" (215.9mm)	☐ I82	•
0.94-1.25" (23.9-31.8mm)	10.50" (266.7mm)	☐ I94	•

Compliances, specifications and availability are subject to change without notice.

Indicates NAFTA compliant - Page Q-30

Liquid-tight grips

Product description

For metallic flexible conduits, NPT

LTB100

LTB190

Features & applications

- Liquid-tight grips are woven of stainless steel mesh with zinc plated steel or malleable iron bodies and nuts for corrosion resistance
- Available with straight body, 45 and 90 degree angle, male thread
- Each fitting is supplied with an insulated throat to provide conductor insulation and protect against damage by flexing, heat expansion and contraction
- Single weave wire mesh provides uniform arc of bend and corrosion resistance
- For indoor and outdoor use
- They are used to connect liquid-tight flexible conduit to electrical enclosures to prevent conduit pullout
- Liquid-tight grips are recommended in the wiring of motors and any electrical enclosure where liquid-tight conduit is subject to motion or strain

Liquid-tight

NPT size	Mesh length	Straight male catalog no.		90° Male catalog no.		45° Male catalog no.	
3/8" (9.7mm)	2.63" (66.7mm)	☐ LTB000	•	☐ LTB090	•	☐ LTB045	•
1/2" (12.7mm)	3.88" (98.4mm)	☐ LTB100	•	☐ LTB190	•	☐ LTB145	•
3/4" (19.0mm)	4.38" (111.1mm)	☐ LTB200	•	☐ LTB290	•	☐ LTB245	•
1" (25.4mm)	5.25" (133.3mm)	☐ LTB300	•	☐ LTB390	•	☐ LTB345	•
1-1/4" (31.8mm)	5.63" (142.9mm)	☐ LTB400	•	☐ LTB490	•	☐ LTB445	•
1-1/2" (38.1mm)	5.75" (146.0mm)	☐ LTB500	•	☐ LTB590	•	☐ LTB545	•
2" (50.8mm)	7.50" (190.5mm)	☐ LTB600	•	☐ LTB690	•	☐ LTB645	•
2-1/2" (63.5mm)	9.63" (244.6mm)	☐ LTB700	•	☐ LTB790	•	☐ LTB745	•
3" (76.2mm)	10.63" (270.0mm)	☐ LTB800	•	☐ LTB890	•	☐ LTB845	•
4" (101.6mm)	12.0" (304.8mm)	☐ LTB900	•	☐ LTB990	•	☐ LTB945	•

Strain relief - watertight grips

Product description

Small & large body devices

WTM131

Features & applications

- Ideal for portable equipment in industrial and commercial applications
- Watertight cord grips are woven of stainless steel mesh with a stainless steel flange for corrosion resistance
- For use where cable or cord is exposed to moisture or where frequent washdown occurs. Ideal for food processing equipment, hand tools, pendant stations, pumps and compressors
- For use with Arrow Hart watertight plugs and connectors

Small body devices - 15/20A

Cord diameter	NPT	Catalog no.	
0.31-0.37" (7.9-9.5mm)	1/2"	☐ WTM131	•
0.38-0.44" (9.5-11.1mm)	1/2"	☐ WTM138	•
0.43-0.50" (10.9-12.7mm)	1/2"	☐ WTM143	•
0.50-0.56" (12.7-14.3mm)	1/2"	☐ WTM150	•
0.56-0.63" (14.3-15.9mm)	1/2"	☐ WTM156	•

Large body devices - 20/30A

Cord diameter	NPT	Catalog no.	
0.50-0.63" (12.7-15.9mm)	1"	☐ WTM250	•
0.63-0.75" (15.9-19.1mm)	1"	☐ WTM263	•
0.75-0.88" (19.1-22.2mm)	1"	☐ WTM275	•
0.88-1.00" (22.2-25.4mm)	3/4"	☐ WTM288	•

Compliances, specifications and availability are subject to change without notice.

Indicates NAFTA compliant - Page Q-30

Support grips catalog numbering system

Standard duty, heavy duty, service drop & bus drop

Support grips

Support grips sample number:
SGS250

SG S 250

Grip type
SG = Standard support
SD = Service drop support
BD = Bus drop support

Eye type/weave type	
S = Closed mesh single eye	**OR** = Split rod offset eye
D = Closed mesh double eye	**UR** = Split rod locking bale
O = Closed mesh offset eye	**TS** = Closed mesh single eye (heavy duty)
U = Closed mesh locking bale	**TD** = Closed mesh double eye (heavy duty)
SL = Split lace single eye	**TSL** = Split lace single eye (heavy duty)
DL = Split lace double eye	**TDL** = Split lace double eye (heavy duty)
OL = Split lace offset eye	**S** = Closed mesh service drop (bus drop)
UL = Split lace locking bale	**U** = Closed mesh locking bale (bus drop)
SR = Split rod single eye	
DR = Split rod double eye	

Cord diameter reference	
22 = .22-.32"	**75** = .75-.99"
23 = .22-.32"	**82** = .82-1.00"
30 = .30-.43"	**96** = .96-1.25"
32 = .30-.43"	**100** = 1.00-1.24"
41 = .41-.56"	**125** = 1.25-1.49"
43 = .43-.56"	**150** = 1.50-1.74"
50 = .50-.61"	**175** = 1.75-1.99"
53 = .53-.73"	**200** = 2.00-2.49"
56 = .56-.73"	**250** = 2.50-2.99"
63 = .62-.74"	**300** = 3.00-3.49"
70 = .70-.85"	**350** = 3.50-3.99"
73 = .73-.97"	**400** = 4.00-4.49"

Compliances, specifications and availability are subject to change without notice.

Standard duty

Product description

Closed mesh
Single & double eye grips

SGS100

SGD100

Features & applications

- Standard closed mesh support grips are designed for loads up to 600 lbs. and vertical runs of no more than 100 ft. They are available in a variety of eye styles and cable ranges for supporting electrical and fiber optic cable, metal rods and tubing
- Support grips will hold more than one cable
- Wire mesh is produced from high quality, non-magnetic, tin coated bronze which provides superior corrosion resistance
- Absorbs additional strain from vibration, expansion, contraction and flexing
- Double eye for use when cable is vertical and extends without bending
- Single eye for use when cable is vertical and for applications where cable bends

Single eye grips

Cord diameter	Bale length	Mesh length	Approx. break strength†	Catalog no.*	
0.50-0.62" (12.7-15.7mm)	7" (177.8mm)	11" (279.4mm)	770 lbs.	☐ SGS50	•
0.62-0.74" (15.7-18.8mm)	8" (203.2mm)	11" (279.4mm)	960 lbs.	☐ SGS63	•
0.75-0.99" (19.1-25.1mm)	8" (203.2mm)	14" (355.6mm)	1,300 lbs.	☐ SGS75	•
1.00-1.24" (25.4-31.5mm)	9" (228.6mm)	15" (381.0mm)	1,680 lbs.	☐ SGS100	•
1.25-1.49" (31.8-37.8mm)	10" (254.0mm)	16" (406.4mm)	1,680 lbs.	☐ SGS125	•
1.50-1.74" (38.1-44.2mm)	12" (304.8mm)	18" (457.2mm)	1,680 lbs.	☐ SGS150	•
1.75-1.99" (44.5-50.5mm)	14" (355.6mm)	20" (508.0mm)	2,640 lbs.	☐ SGS175	•
2.00-2.49" (50.8-63.2mm)	16" (406.4mm)	22" (558.8mm)	3,760 lbs.	☐ SGS200	•
2.50-2.99" (63.5-75.9mm)	18" (457.2mm)	24" (609.6mm)	3,760 lbs.	☐ SGS250	•
3.00-3.49" (76.2-88.6mm)	21" (533.4mm)	26" (660.4mm)	5,040 lbs.	☐ SGS300	•
3.50-3.99" (88.9-101.3mm)	24" (609.6mm)	28" (711.2mm)	5,040 lbs.	☐ SGS350	•

Double eye grips

Cord diameter	Bale length	Mesh length	Approx. break strength†	Catalog no.*	
0.50-0.61" (12.7-15.5mm)	4" (101.6mm)	11" (279.4mm)	770 lbs.	☐ SGD50	•
0.62-0.74" (15.7-18.8mm)	4" (101.6mm)	11" (279.4mm)	1,150 lbs.	☐ SGD63	•
0.75-0.99" (19.1-25.1mm)	4" (101.6mm)	14" (355.6mm)	1,320 lbs.	☐ SGD75	•
1.00-1.24" (25.4-31.5mm)	5" (127.0mm)	15" (381.0mm)	1,920 lbs.	☐ SGD100	•
1.25-1.49" (31.8-37.8mm)	5" (127.0mm)	16" (406.4mm)	1,920 lbs.	☐ SGD125	•
1.50-1.74" (38.1-44.2mm)	6" (152.4mm)	18" (457.2mm)	1,920 lbs.	☐ SGD150	•
1.75-1.99" (44.5-50.5mm)	6" (152.4mm)	20" (508.0mm)	3,150 lbs.	☐ SGD175	•
2.00-2.49" (50.8-63.2mm)	6" (152.4mm)	22" (558.8mm)	3,360 lbs.	☐ SGD200	•
2.50-2.99" (63.5-75.9mm)	6" (152.4mm)	24" (609.6mm)	3,360 lbs.	☐ SGD250	•
3.00-3.49" (76.2-88.6mm)	8" (203.2mm)	26" (660.4mm)	5,280 lbs.	☐ SGD300	•
3.50-3.99" (88.9-101.3mm)	8" (203.2mm)	28" (711.2mm)	5,280 lbs.	☐ SGD350	•

*Contact the factory for stainless steel support grips.
† To determine workload safety factor, divide approximate break strength by 10. See page N-34 for strength information.
Consult factory for price and availability.
Compliances, specifications and availability are subject to change without notice.

Indicates NAFTA compliant - Page Q-30

Support grips

Standard duty

Product description

Closed mesh
Offset eye & locking bale grips

SGO100

SGU100

Features & applications

- Standard closed mesh support grips are designed for loads up to 600 lbs. and vertical runs of no more than 100 ft.
- Wire mesh is produced from high quality, non-magnetic, tin coated bronze which provides superior corrosion resistance
- Support grips will hold more than one cable
- Absorbs additional strain from vibration, expansion, contraction and flexing
- Available in a variety of eye styles and cable ranges for supporting electrical and fiber optic cable, metal rods and tubing
- Offset eye for use when offset positioning is required
- Locking bale attachment fits around beam or pipe and can be locked in place

Offset eye

Cord diameter	Bale length	Mesh length	Approx. break strength†	Catalog no.*	
0.50-0.61" (12.7-15.5mm)	4" (101.6mm)	11" (279.4mm)	770 lbs.	☐ SGO50	•
0.62-0.74" (15.7-18.8mm)	4" (101.6mm)	11" (279.4mm)	960 lbs.	☐ SGO63	•
0.75-0.99" (19.1-25.1mm)	4" (101.6mm)	14" (355.6mm)	960 lbs.	☐ SGO75	•
1.00-1.24" (25.4-31.5mm)	5" (127.0mm)	15" (381.0mm)	1,680 lbs.	☐ SGO100	•
1.25-1.49" (31.8-37.8mm)	5" (127.0mm)	16" (406.4mm)	1,680 lbs.	☐ SGO125	•
1.50-1.74" (38.1-44.2mm)	5" (127.0mm)	18" (457.2mm)	1,680 lbs.	☐ SGO150	•
1.75-1.99" (44.5-50.5mm)	6" (152.4mm)	20" (508.0mm)	2,640 lbs.	☐ SGO175	•
2.00-2.49" (50.8-63.2mm)	6" (152.4mm)	22" (558.8mm)	3,760 lbs.	☐ SGO200	•
2.50-2.99" (63.5-75.9mm)	8" (203.2mm)	24" (609.6mm)	3,760 lbs.	☐ SGO250	•
3.00-3.49" (76.2-88.6mm)	9" (228.6mm)	26" (660.4mm)	5,040 lbs.	☐ SGO300	•
3.50-3.99" (88.9-101.3mm)	9" (228.6mm)	28" (711.2mm)	5,040 lbs.	☐ SGO350	•

Locking bale grips

Cord diameter	Bale length	Mesh length	Approx. break strength†	Catalog no.*	
0.50-0.61" (12.7-15.5mm)	18" (457.2mm)	11" (279.4mm)	770 lbs.	☐ SGU50	•
0.63-0.74" (16.0-18.8mm)	18" (457.2mm)	11" (279.4mm)	1,150 lbs.	☐ SGU63	•
0.75-0.99" (19.1-25.1mm)	18" (457.2mm)	14" (355.6mm)	1,320 lbs.	☐ SGU75	•
1.00-1.24" (25.4-31.5mm)	18" (457.2mm)	15" (381.0mm)	1,920 lbs.	☐ SGU100	•
1.25-1.49" (31.8-37.8mm)	18" (457.2mm)	16" (406.4mm)	1,920 lbs.	☐ SGU125	•
1.50-1.74" (38.1-44.2mm)	18" (457.2mm)	18" (457.2mm)	1,920 lbs.	☐ SGU150	•
1.75-1.99" (44.5-50.5mm)	18" (457.2mm)	20" (508.0mm)	3,150 lbs.	☐ SGU175	•
2.00-2.49" (50.8-63.2mm)	18" (457.2mm)	22" (558.8mm)	3,360 lbs.	☐ SGU200	•
2.50-2.99" (63.5-75.9mm)	18" (457.2mm)	24" (609.6mm)	3,360 lbs.	☐ SGU250	•
3.00-3.49" (76.2-88.6mm)	18" (457.2mm)	26" (660.4mm)	5,280 lbs.	☐ SGU300	•
3.50-3.99" (88.9-101.3mm)	18" (457.2mm)	28" (711.2mm)	5,280 lbs.	☐ SGU350	•

*Contact the factory for stainless steel support grips.
† To determine workload safety factor, divide approximate break strength by 10. See page N-34 for strength information.
Consult factory for price and availability.
Compliances, specifications and availability are subject to change without notice.

Indicates NAFTA compliant - Page Q-30

Standard duty

Product description

Split lace
Single & double eye grips

SGSL75

SGDL75

Features & applications

- Split lace support grips are used when the end of the cable cannot easily be accessed and the support grip is intended for permanent installation
- Designed for loads up to 600 lbs. and vertical runs of no more than 100 ft.
- Wire mesh is produced from high quality, non-magnetic, tin coated bronze which provides superior corrosion resistance
- Support grips will hold more than one cable
- Absorbs additional strain from vibration, expansion, contraction and flexing
- Available in a variety of eye styles and cable ranges for supporting electrical and fiber optic cable, metal rods and tubing
- Single eye for use when cable is vertical and for applications where cable bends
- Double eye for use when cable is vertical and extends without bending

Single eye grips

Cord diameter	Bale length	Mesh length	Approx. break strength†	Catalog no.*	
0.50-0.61" (12.7-15.5mm)	7" (177.8mm)	11" (279.4mm)	770 lbs.	☐ SGSL50	•
0.62-0.74" (15.7-18.8mm)	8" (203.2mm)	11" (279.4mm)	960 lbs.	☐ SGSL63	•
0.75-0.99" (19.1-25.1mm)	8" (203.2mm)	14" (355.6mm)	1,320 lbs.	☐ SGSL75	•
1.00-1.24" (25.4-31.5mm)	9" (228.6mm)	15" (381.0mm)	1,680 lbs.	☐ SGSL100	•
1.25-1.49" (31.8-37.8mm)	10" (254.0mm)	16" (406.4mm)	1,680 lbs.	☐ SGSL125	•
1.50-1.74" (38.1-44.2mm)	12" (304.8mm)	18" (457.2mm)	1,680 lbs.	☐ SGSL150	•
1.75-1.99" (44.5-50.5mm)	14" (355.6mm)	20" (508.0mm)	2,640 lbs.	☐ SGSL175	•
2.00-2.49" (50.8-63.2mm)	16" (406.4mm)	22" (558.8mm)	3,760 lbs.	☐ SGSL200	•
2.50-2.99" (63.5-75.9mm)	18" (457.2mm)	24" (609.6mm)	3,760 lbs.	☐ SGSL250	•
3.00-3.49" (76.2-88.6mm)	21" (533.4mm)	26" (660.4mm)	5,040 lbs.	☐ SGSL300	•
3.50-3.99" (88.9-101.3mm)	24" (609.6mm)	28" (711.2mm)	5,040 lbs.	☐ SGSL350	•

Double eye grips

Cord diameter	Bale length	Mesh length	Approx. break strength†	Catalog no.*	
0.50-0.61" (12.7-15.7mm)	4" (101.6mm)	11" (279.4mm)	770 lbs.	☐ SGDL50	•
0.62-0.74" (15.7-18.8mm)	4" (101.6mm)	11" (279.4mm)	1,150 lbs.	☐ SGDL63	•
0.75-0.99" (19.1-25.1mm)	4" (101.6mm)	14" (355.6mm)	1,320 lbs.	☐ SGDL75	•
1.00-1.24" (25.4-31.5mm)	5" (127.0mm)	15" (381.0mm)	1,920 lbs.	☐ SGDL100	•
1.25-1.49" (31.8-37.9mm)	5" (127.0mm)	16" (406.4mm)	1,920 lbs.	☐ SGDL125	•
1.50-1.74" (38.1-44.2mm)	6" (152.4mm)	18" (457.2mm)	1,920 lbs.	☐ SGDL150	•
1.75-1.99" (44.5-50.5mm)	6" (152.4mm)	20" (508.0mm)	3,150 lbs.	☐ SGDL175	•
2.00-2.49" (50.8-63.2mm)	6" (152.4mm)	22" (558.8mm)	3,360 lbs.	☐ SGDL200	•
2.50-2.99" (63.5-75.9mm)	6" (152.4mm)	24" (609.6mm)	3,360 lbs.	☐ SGDL250	•
3.00-3.49" (76.2-88.6mm)	8" (203.2mm)	26" (660.4mm)	5,280 lbs.	☐ SGDL300	•
3.50-3.99" (88.9-101.3mm)	8" (203.2mm)	28" (711.2mm)	5,280 lbs.	☐ SGDL350	•

*Contact the factory for stainless steel support grips.
† To determine workload safety factor, divide approximate break strength by 10. See page N-34 for strength information.
Consult factory for price and availability.
Compliances, specifications and availability are subject to change without notice.

Indicates NAFTA compliant - Page Q-30

Support grips

Standard duty

Product description

Split lace
Offset eye & locking bale grips

SGOL100

SGUL100

Features & applications

- Split lace support grips are used when the end of the cable cannot easily be accessed and the support grip is intended for permanent installation
- Designed for loads up to 600 lbs. and vertical runs of no more than 100 ft.
- Wire mesh is produced from high quality, non-magnetic, tin coated bronze which provides superior corrosion resistance
- Support grips will hold more than one cable
- Absorbs additional strain from vibration, expansion, contraction and flexing
- Available in a variety of eye styles and cable ranges for supporting electrical and fiber optic cable, metal rods and tubing
- Offset eye for use when offset positioning is required.
- Locking bale attachment fits around beam or pipe and can be locked in place

Offset eye

Cord diameter	Bale length	Mesh length	Approx. break strength†	Catalog no.*	
0.50-0.61" (12.7-15.5mm)	4" (101.6mm)	11" (279.4mm)	770 lbs.	☐ SGOL50	•
0.62-0.74" (15.7-18.8mm)	4" (101.6mm)	11" (279.4mm)	960 lbs.	☐ SGOL63	•
0.75-0.99" (19.1-25.1mm)	4" (101.6mm)	14" (355.6mm)	960 lbs.	☐ SGOL75	•
1.00-1.24" (25.4-31.5mm)	5" (127.0mm)	15" (381.0mm)	1,680 lbs.	☐ SGOL100	•
1.25-1.49" (31.8-37.8mm)	5" (127.0mm)	16" (406.4mm)	1,680 lbs.	☐ SGOL125	•
1.50-1.74" (38.1-44.2mm)	5" (127.0mm)	18" (457.2mm)	1,680 lbs.	☐ SGOL150	•
1.75-1.99" (44.5-50.5mm)	6" (152.4mm)	20" (508.0mm)	2,640 lbs.	☐ SGOL175	•
2.00-2.49" (50.8-63.2mm)	6" (152.4mm)	22" (558.8mm)	3,760 lbs.	☐ SGOL200	•
2.50-2.99" (63.5-75.9mm)	8" (203.2mm)	24" (609.6mm)	3,760 lbs.	☐ SGOL250	•
3.00-3.49" (76.2-88.6mm)	9" (228.6mm)	26" (660.4mm)	5,040 lbs.	☐ SGOL300	•
3.50-3.99" (88.9-101.3mm)	9" (228.6mm)	28" (711.2mm)	5,040 lbs.	☐ SGOL350	•

Locking bale grips

Cord diameter	Bale length	Mesh length	Approx. break strength†	Catalog no.*	
0.50-0.61" (12.7-15.5mm)	18" (457.2mm)	11" (279.4mm)	770 lbs.	☐ SGUL50	•
0.62-0.74" (15.7-18.8mm)	18" (457.2mm)	11" (279.4mm)	1,150 lbs.	☐ SGUL63	•
0.75-0.99" (19.1-25.1mm)	18" (457.2mm)	14" (355.6mm)	1,320 lbs.	☐ SGUL75	•
1.00-1.24" (25.4-31.5mm)	18" (457.2mm)	15" (381.0mm)	1,920 lbs.	☐ SGUL100	•
1.25-1.49" (31.8-37.9mm)	18" (457.2mm)	16" (406.4mm)	1,920 lbs.	☐ SGUL125	•
1.50-1.74" (38.1-44.2mm)	18" (457.2mm)	18" (457.2mm)	1,920 lbs.	☐ SGUL150	•
1.75-1.99" (44.5-50.5mm)	18" (457.2mm)	20" (508.0mm)	3,150 lbs.	☐ SGUL175	•
2.00-2.49" (50.8-63.2mm)	18" (457.2mm)	22" (558.8mm)	3,360 lbs.	☐ SGUL200	•
2.50-2.99" (63.5-75.9mm)	18" (457.2mm)	24" (609.6mm)	3,360 lbs.	☐ SGUL250	•
3.00-3.49" (76.2-88.6mm)	18" (457.2mm)	26" (660.4mm)	5,280 lbs.	☐ SGUL300	•
3.50-3.99" (88.9-101.3mm)	18" (457.2mm)	28" (711.2mm)	5,280 lbs.	☐ SGUL350	•

*Contact the factory for stainless steel support grips.
† To determine workload safety factor, divide approximate break strength by 10. See page N-34 for strength information.
Consult factory for price and availability.
Compliances, specifications and availability are subject to change without notice.

Indicates NAFTA compliant - Page Q-30

Standard duty

Product description

Split rod
Single & double eye grips

SGSR100

SGDR75

Features & applications

- Split rod support grips are used when the end of the cable cannot be easily accessed and the installation is temporary
- Designed for loads up to 600 lbs. and vertical runs of no more than 100 ft.
- Wire mesh is produced from high quality, non-magnetic, tin coated bronze which provides superior corrosion resistance
- Support grips will hold more than one cable
- Absorbs additional strain from vibration, expansion, contraction and flexing
- Available in a variety of eye styles and cable ranges for supporting electrical and fiber optic cable, metal rods and tubing
- Single eye for use when cable is vertical and for applications where cable bends
- Double eye for use when cable is vertical and extends without bending

Single eye grips

Cord diameter	Bale length	Mesh length	Approx. break strength†	Catalog no.*	
0.50-0.61" (12.7-15.5mm)	7" (177.8mm)	11" (279.4mm)	770 lbs.	☐ SGSR50	•
0.62-0.74" (15.7-18.8mm)	8" (203.2mm)	11" (279.4mm)	960 lbs.	☐ SGSR63	•
0.75-0.99" (19.1-25.1mm)	8" (203.2mm)	14" (355.6mm)	1,320 lbs.	☐ SGSR75	•
1.00-1.24" (25.4-31.5mm)	9" (228.6mm)	15" (381.0mm)	1,680 lbs.	☐ SGSR100	•
1.25-1.49" (31.8-37.9mm)	10" (254.0mm)	16" (406.4mm)	1,680 lbs.	☐ SGSR125	•
1.50-1.74" (38.1-44.2mm)	12" (304.8mm)	18" (457.2mm)	1,680 lbs.	☐ SGSR150	•
1.75-1.99" (44.5-50.5mm)	14" (355.6mm)	20" (508.0mm)	2,640 lbs.	☐ SGSR175	•
2.00-2.49" (50.8-63.2mm)	16" (406.4mm)	22" (558.8mm)	3,760 lbs.	☐ SGSR200	•
2.50-2.99" (63.5-75.9mm)	18" (457.2mm)	24" (609.6mm)	3,760 lbs.	☐ SGSR250	•
3.00-3.49" (76.2-88.6mm)	21" (533.4mm)	26" (660.4mm)	5,040 lbs.	☐ SGSR300	•
3.50-3.99" (88.9-101.3mm)	24" (609.6mm)	28" (711.2mm)	5,040 lbs.	☐ SGSR350	•

Double eye grips

Cord diameter	Bale length	Mesh length	Approx. break strength†	Catalog no.*	
0.50-0.61" (12.7-15.7mm)	4" (101.6mm)	11" (279.4mm)	770 lbs.	☐ SGDR50	•
0.63-0.74" (16.0-18.8mm)	4" (101.6mm)	11" (279.4mm)	1,150 lbs.	☐ SGDR63	•
0.75-0.99" (19.1-25.1mm)	4" (101.6mm)	14" (355.6mm)	1,320 lbs.	☐ SGDR75	•
1.00-1.24" (28.4-31.5mm)	5" (127.0mm)	15" (381.0mm)	1,920 lbs.	☐ SGDR100	•
1.25-1.49" (31.8-37.9mm)	5" (127.0mm)	16" (406.4mm)	1,920 lbs.	☐ SGDR125	•
1.50-1.74" (38.1-44.2mm)	6" (152.4mm)	18" (457.2mm)	1,920 lbs.	☐ SGDR150	•
1.75-1.99" (44.5-50.5mm)	6" (152.4mm)	20" (508.0mm)	3,150 lbs.	☐ SGDR175	•
2.00-2.49" (50.8-63.2mm)	6" (152.4mm)	22" (558.8mm)	3,360 lbs.	☐ SGDR200	•
2.50-2.99" (63.5-75.9mm)	6" (152.4mm)	24" (609.6mm)	3,360 lbs.	☐ SGDR250	•
3.00-3.49" (76.2-88.6mm)	8" (203.2mm)	26" (660.4mm)	5,280 lbs.	☐ SGDR300	•
3.50-3.99" (88.9-101.3mm)	8" (203.2mm)	28" (711.2mm)	5,280 lbs.	☐ SGDR350	•

*Contact the factory for stainless steel support grips.
† To determine workload safety factor, divide approximate break strength by 10. See page N-34 for strength information.
Consult factory for price and availability.
Compliances, specifications and availability are subject to change without notice.

Indicates NAFTA compliant - Page Q-30

Support grips

Standard duty

Product description

Split rod
Offset eye & locking bale grips

SGOR63

SGUR100

Features & applications

- Split rod support grips are used when the end of the cable cannot be easily accessed and the installation is temporary
- Designed for loads up to 600 lbs. and vertical runs of no more than 100 ft.
- Wire mesh is produced from high quality, non-magnetic, tin coated bronze which provides superior corrosion resistance
- Support grips will hold more than one cable
- Absorbs additional strain from vibration, expansion, contraction and flexing
- They are available in a variety of eye styles and cable ranges for supporting electrical and fiber optic cable, metal rods and tubing
- Offset eye for use when offset positioning is required
- Locking bale attachment fits around beam or pipe and can be locked in place

Offset eye

Cord diameter	Bale length	Mesh length	Approx. break strength†	Catalog no.*	
0.50-0.61" (12.7-15.5mm)	4" (101.6mm)	11" (279.4mm)	770 lbs.	☐ SGOR50	•
0.62-0.74" (16.0-18.8mm)	4" (101.6mm)	11" (279.4mm)	960 lbs.	☐ SGOR63	•
0.75-0.99" (19.1-25.1mm)	4" (101.6mm)	14" (355.6mm)	960 lbs.	☐ SGOR75	•
1.00-1.24" (28.4-31.5mm)	5" (127.0mm)	15" (381.0mm)	1,680 lbs.	☐ SGOR100	•
1.25-1.49" (31.8-37.9mm)	5" (127.0mm)	16" (406.4mm)	1,680 lbs.	☐ SGOR125	•
1.50-1.74" (38.1-44.2mm)	5" (127.0mm)	18" (457.2mm)	1,680 lbs.	☐ SGOR150	•
1.75-1.99" (44.5-50.5mm)	6" (152.4mm)	20" (508.0mm)	2,640 lbs.	☐ SGOR175	•
2.00-2.49" (50.8-63.2mm)	6" (152.4mm)	22" (558.8mm)	3,760 lbs.	☐ SGOR200	•
2.50-2.99" (63.5-75.9mm)	8" (203.2mm)	24" (609.6mm)	3,760 lbs.	☐ SGOR250	•
3.00-3.49" (76.2-88.6mm)	9" (228.6mm)	26" (660.4mm)	5,040 lbs.	☐ SGOR300	•
3.50-3.99" (88.9-101.3mm)	9" (228.6mm)	28" (711.2mm)	5,040 lbs.	☐ SGOR350	•

Locking bale grips

Cord diameter	Bale length	Mesh length	Approx. break strength†	Catalog no.*	
0.50-0.61" (12.7-15.5mm)	18" (457.2mm)	11" (279.4mm)	770 lbs.	☐ SGUR50	•
0.63-0.74" (16.0-18.8mm)	18" (457.2mm)	11" (279.4mm)	1,150 lbs.	☐ SGUR63	•
0.75-0.99" (19.1-25.1mm)	18" (457.2mm)	14" (355.6mm)	1,320 lbs.	☐ SGUR75	•
1.00-1.24" (28.4-31.5mm)	18" (457.2mm)	15" (381.0mm)	1,920 lbs.	☐ SGUR100	•
1.25-1.49" (31.8-37.9mm)	18" (457.2mm)	16" (406.4mm)	1,920 lbs.	☐ SGUR125	•
1.50-1.74" (38.1-44.2mm)	18" (457.2mm)	18" (457.2mm)	1,920 lbs.	☐ SGUR150	•
1.75-1.99" (44.5-50.5mm)	18" (457.2mm)	20" (508.0mm)	3,150 lbs.	☐ SGUR175	•
2.00-2.49" (50.8-63.2mm)	18" (457.2mm)	22" (558.8mm)	3,360 lbs.	☐ SGUR200	•
2.50-2.99" (63.5-75.9mm)	18" (457.2mm)	24" (609.6mm)	3,360 lbs.	☐ SGUR250	•
3.00-3.49" (76.2-88.6mm)	18" (457.2mm)	26" (660.4mm)	5,280 lbs.	☐ SGUR300	•
3.50-3.99" (88.9-101.3mm)	18" (457.2mm)	28" (711.2mm)	5,280 lbs.	☐ SGUR350	•

*Contact the factory for stainless steel support grips.
† To determine workload safety factor, divide approximate break strength by 10. See page N-34 for strength information.
Consult factory for price and availability.
Compliances, specifications and availability are subject to change without notice.

Indicates NAFTA compliant - Page Q-30

Heavy duty

Product description

Closed mesh
Single & double eye grips

SGTS100

Features & applications

- Heavy duty support grips feature a double weave mesh and are available in a variety of eye styles and cable ranges for supporting electrical and fiber optic cable, metal rods and tubing
- Support grips are woven of corrosion resistant tinned-bronze wire
- Permanent support of heavy loads and long runs of vertically hung cables, hose, tubing and metal rods
- Poles, towers, buildings, elevators, mine shafts and other structures
- Single eye for use when cable is vertical and for applications where cable bends
- Double eye for use when cable is vertical and extends without bending

Single eye grips

Cord diameter	Bale length	Mesh length	Approx. break strength†	Catalog no.*	
0.75-0.99" (19.1-25.1mm)	10" (254.0mm)	26" (660.4mm)	2,700 lbs.	☐ SGTS75	•
1.00-1.24" (25.4-31.5mm)	10" (254.0mm)	29" (736.6mm)	4,720 lbs.	☐ SGTS100	•
1.25-1.49" (31.8-37.8mm)	10" (254.0mm)	31" (787.4mm)	4,720 lbs.	☐ SGTS125	•
1.50-1.99" (38.1-50.5mm)	10" (254.0mm)	35" (889.0mm)	4,720 lbs.	☐ SGTS150	•

Double eye grips

Cord diameter	Bale length	Mesh length	Approx. break strength†	Catalog no.*	
0.75-0.99" (19.1-25.1mm)	10" (254.0mm)	26" (660.4mm)	2,700 lbs.	☐ SGTD75	•
1.00-1.24" (25.4-31.5mm)	10" (254.0mm)	29" (736.6mm)	4,720 lbs.	☐ SGTD100	•
1.25-1.49" (31.8-37.8mm)	10" (254.0mm)	31" (787.4mm)	4,720 lbs.	☐ SGTD125	•
1.50-1.99" (38.1-50.5mm)	10" (254.0mm)	35" (889.0mm)	4,720 lbs.	☐ SGTD150	•
2.00-2.49" (50.8-63.2mm)	10" (254.0mm)	37" (989.8mm)	10,080 lbs.	☐ SGTD200	•
2.50-2.99" (63.5-75.9mm)	10" (254.0mm)	39" (990.6mm)	10,080 lbs.	☐ SGTD250	•
3.00-3.49" (76.2-88.6mm)	10" (254.0mm)	41" (1041.4mm)	10,080 lbs.	☐ SGTD300	•
3.50-3.99" (88.9-101.3mm)	10" (254.0mm)	45" (1143.0mm)	13,120 lbs.	☐ SGTD350	•
4.00-4.49" (101.6-114.0mm)	10" (254.0mm)	47" (1193.8mm)	13,120 lbs.	☐ SGTD400	•

*Contact the factory for stainless steel support grips.
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Consult factory for price and availability.
Compliances, specifications and availability are subject to change without notice.

Indicates NAFTA compliant - Page Q-30

Support grips

Heavy duty

Product description

Split lace
Single & double eye grips

SGTSL100

SGTDL100

Features & applications

- Split lace support grips are used when the end of the cable cannot easily be accessed and the support grip is intended for permanent installation
- Permanent support of heavy loads and long runs of vertically hung cables, hose, tubing and metal rods
- Poles, towers, buildings, elevators, mine shafts and other structures
- Single eye for use when cable is vertical and for applications where cable bends
- Double eye for use when cable is vertical and extends without bending

Single eye grips

Cord diameter	Bale length	Mesh length	Approx. break strength†	Catalog no.*	
0.75-0.99" (19.1-25.1mm)	10" (254.0mm)	26" (660.4mm)	2,700 lbs.	☐ SGTSL75	•
1.00-1.24" (25.4-31.5mm)	10" (254.0mm)	29" (736.6mm)	4,720 lbs.	☐ SGTSL100	•
1.25-1.49" (31.8-37.8mm)	10" (254.0mm)	31" (787.4mm)	4,720 lbs.	☐ SGTSL125	•
1.50-1.99" (38.1-50.5mm)	10" (254.0mm)	35" (889.0mm)	4,720 lbs.	☐ SGTSL150	•

Double eye grips

Cord diameter	Bale length	Mesh length	Approx. break strength†	Catalog no.*	
0.75-0.99" (19.1-25.1mm)	10" (254.0mm)	26" (660.4mm)	2,700 lbs.	☐ SGTDL75	•
1.00-1.24" (25.4-31.5mm)	10" (254.0mm)	29" (736.6mm)	4,720 lbs.	☐ SGTDL100	•
1.25-1.49" (31.8-37.8mm)	10" (254.0mm)	31" (787.4mm)	4,720 lbs.	☐ SGTDL125	•
1.50-1.99" (38.1-50.5mm)	10" (254.0mm)	35" (889.0mm)	4,720 lbs.	☐ SGTDL150	•
2.00-2.49" (50.8-63.2mm)	10" (254.0mm)	37" (989.8mm)	10,080 lbs.	☐ SGTDL200	•
2.50-2.99" (63.5-75.9mm)	10" (254.0mm)	39" (990.6mm)	10,080 lbs.	☐ SGTDL250	•
3.00-3.49" (76.2-88.6mm)	10" (254.0mm)	41" (1041.4mm)	10,080 lbs.	☐ SGTDL300	•
3.50-3.99" (88.9-101.3mm)	10" (254.0mm)	45" (1143.0mm)	13,120 lbs.	☐ SGTDL350	•
4.00-4.49" (101.6-114.0mm)	10" (254.0mm)	47" (1193.8mm)	13,120 lbs.	☐ SGTDL400	•

*Contact the factory for stainless steel support grips.
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Consult factory for price and availability.
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Indicates NAFTA compliant - Page Q-30

Service drop

Product description

Closed mesh
Single eye & locking bale grips

SDS32

Features & applications

- Service drop grips provide support for utility distribution lines from service pole to building or from pole to pole
- They are woven from tinned-bronze wire to provide superior corrosion resistance and are available in single eye and locking bale configurations
- They can also be used for cable TV and fiber optic cable support
- Single eye for use when cable is vertical and for applications where cable bends
- Locking bale attachment fits around beam or pipe and can be locked in place

Single eye grips

Cord diameter	Bale length	Mesh length	Approx. break strength†	Catalog no.*	
0.22-0.32" (5.6-8.1mm)	4" (101.6mm)	4" (101.6mm)	290 lbs.	☐ SDS23	•
0.30-0.43" (7.6-10.1mm)	5" (127.0mm)	5" (127.0mm)	500 lbs.	☐ SDS32	•
0.41-0.56" (10.4-14.2mm)	6" (152.4mm)	5" (127.0mm)	500 lbs.	☐ SDS43	•
0.53-0.73" (13.4-18.5mm)	8" (203.2mm)	8" (203.2mm)	790 lbs.	☐ SDS56	•
0.70-0.97" (17.8-24.6mm)	8" (203.2mm)	9" (228.6mm)	1,020 lbs.	☐ SDS73	•
0.94-1.25" (23.8-31.8mm)	10" (254.0mm)	11" (279.4mm)	1,020 lbs.	☐ SDS100	•

Locking bale grips

Cord diameter	Bale length	Mesh length	Approx. break strength†	Catalog no.*	
0.22-0.32" (5.6-8.1mm)	10" (254.0mm)	4" (101.6mm)	290 lbs.	☐ SDU23	•
0.30-0.43" (7.6-10.1mm)	11" (279.4mm)	5" (127.0mm)	500 lbs.	☐ SDU32	•
0.43-0.56" (10.1-14.2mm)	12" (304.8mm)	5" (127.0mm)	500 lbs.	☐ SDU43	•
0.56-0.73" (14.2-18.5mm)	14" (355.6mm)	8" (203.2mm)	790 lbs.	☐ SDU56	•
0.73-0.97" (18.5-24.6mm)	14" (355.6mm)	9" (228.6mm)	1,020 lbs.	☐ SDU73	•
1.00-1.25" (23.8-31.8mm)	16" (406.4mm)	11" (379.4mm)	1,020 lbs.	☐ SDU100	•

*Contact the factory for stainless steel support grips.
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Bus drop

Product description

Closed mesh
Single eye & locking bale grips

BDS53

Features & applications

- Bus drop grips are woven of galvanized steel wire
- Relieve any direct tension from the critical connection and absorb vibration and flexing
- Offered with either the single eye or locking bale attachment
- Bus drop grips are used as cable support from bus duct
- Optional bus drop safety spring can be used with single eye type of disassembling draw bar from coil, placing through eye loop and replacing draw bar
- Single eye for use when cable is vertical and for applications where cable bends
- Locking bale attachment fits around beam or pipe and can be locked in place

BDU53

Single eye grips

Cord diameter	Bale length	Mesh length	Approx. break strength†	Catalog no.*	
0.22-0.32" (5.6-8.1mm)	9" (228.6mm)	3.5" (88.9mm)	1,100 lbs.	☐ BDS22	•
0.30-0.43" (7.6-10.9mm)	9" (228.6mm)	4.5" (114.3mm)	1,100 lbs.	☐ BDS30	•
0.41-0.56" (10.4-14.2mm)	9" (228.6mm)	5.0" (127.0mm)	1,100 lbs.	☐ BDS41	•
0.53-0.73" (13.5-18.5mm)	9" (228.6mm)	6.5" (165.1mm)	1,100 lbs.	☐ BDS53	•
0.70-0.85" (17.8-21.6mm)	9" (228.6mm)	8.5" (215.9mm)	1,900 lbs.	☐ BDS70	•
0.82-1.00" (20.8-25.4mm)	9" (228.6mm)	8.5" (215.9mm)	1,900 lbs.	☐ BDS82	•
0.96-1.25" (24.4-31.8mm)	9" (228.6mm)	11.0" (279.4mm)	1,900 lbs.	☐ BDS96	•

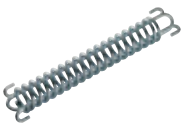
Locking bale grips

Cord diameter	Bale length	Mesh length	Approx. break strength†	Catalog no.*	
0.22-0.32" (5.6-8.1mm)	12" (304.8mm)	3.5" (88.9mm)	1,100 lbs.	☐ BDU22	•
0.30-0.43" (7.6-10.9mm)	12" (304.8mm)	4.5" (114.3mm)	1,100 lbs.	☐ BDU30	•
0.41-0.56" (10.4-14.2mm)	12" (304.8mm)	5.0" (127.0mm)	1,100 lbs.	☐ BDU41	•
0.53-0.73" (13.5-18.5mm)	15" (381.0mm)	6.5" (165.1mm)	1,100 lbs.	☐ BDU53	•
0.70-0.85" (17.8-21.6mm)	16" (406.4mm)	8.5" (215.9mm)	1,900 lbs.	☐ BDU70	•
0.82-1.00" (20.8-25.4mm)	16" (406.4mm)	8.5" (215.9mm)	1,900 lbs.	☐ BDU82	•
0.96-1.25" (24.4-31.8mm)	17" (431.8mm)	11.0" (279.4mm)	1,900 lbs.	☐ BDU96	•

Accessories for support grips: service drop & bus drop, closed mesh grips

Description		
Safety spring, 40 lbs. load	☐ B2001	•
Safety spring, 80 lbs. load	☐ B2002	•

B2001



B2002

*Contact the factory for stainless steel support grips.
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Pulling grips catalog numbering system

Junior duty, light duty, medium duty, heavy duty, multi-weave & slack weave

Pulling grips

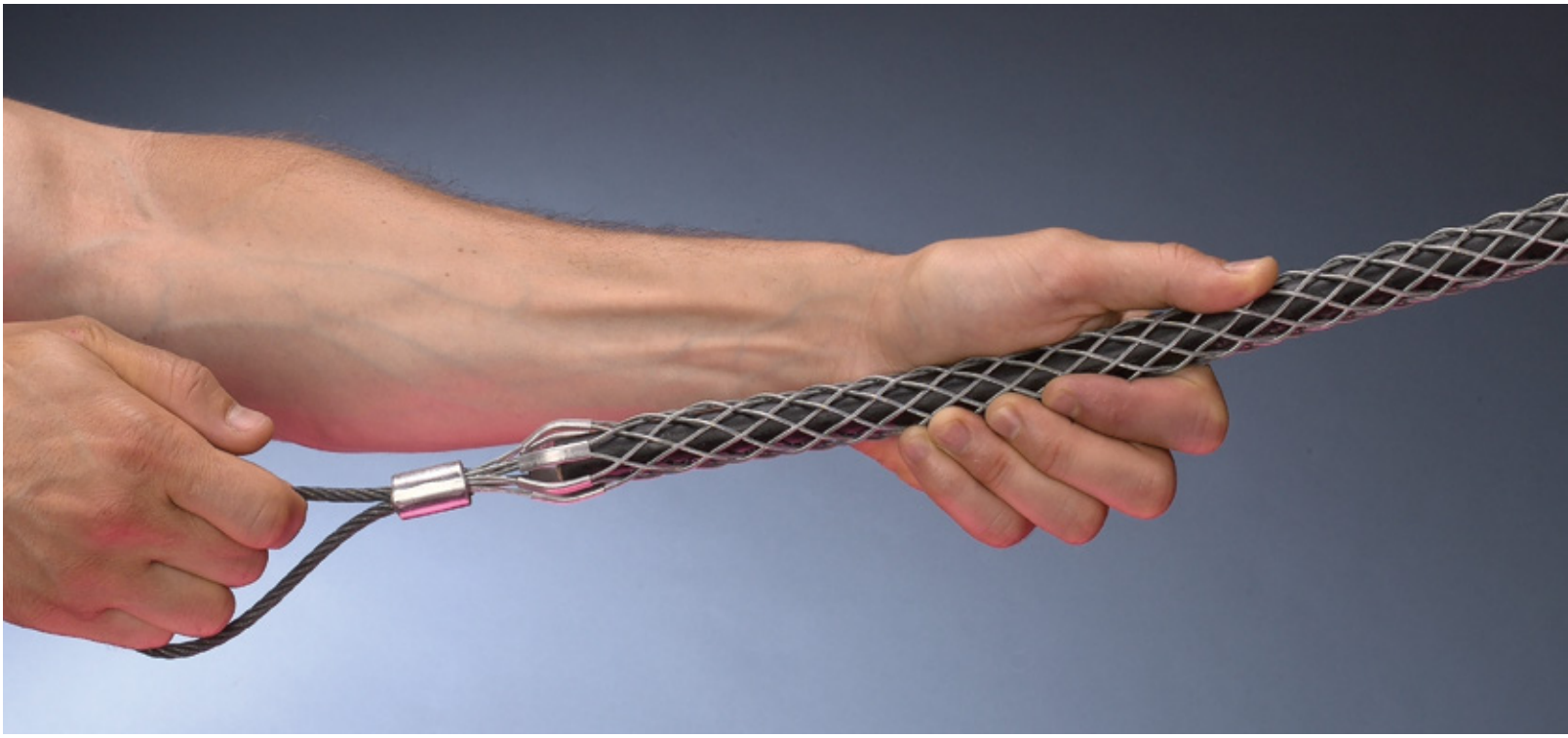
Pulling grips sample number:
SKR40052

SKR 400 52

Grip type
LPJ = Junior duty, flexible eye
LP = Light duty, flexible eye
MP = Medium duty, flexible eye
PH = Heavy duty, rotating eye
PMR = Multi weave, rotating eye
PMF = Multi weave, flexible eye
SKT = Slack, double weave, closed mesh
SKTL = Slack, double weave, split lace
SKR = Slack, single weave, split rod

Cord diameter reference	
25 = .25-.36"	**200** = 2.00-2.49"
37 = .37-.49"	**250** = 2.50-2.99"
50 = .50-.61"	**300** = 3.00-3.49"
62 = .62-.74"	**350** = 3.50-3.99"aa
75 = .75-.99"	**400** = 4.00-4.49"
100 = 1.00-1.25"	**450** = 4.50-4.99"
125 = 1.25-1.49"	**500** = 5.00-5.99"
150 = 1.50-1.74"	**600** = 6.00-6.99"
175 = 1.75-1.99"	

Bale length	
11 = 11"	**30** = 30"
12 = 13"	**32** = 32" or 33"
13 = 14"	**33** = 33"
14 = 14" or 15"	**34** = 34"
15 = 16"	**35** = 36"
16 = 16" or 17"	**36** = 36"
17 = 18"	**38** = 38"
18 = 19"	**39** = 39"
19 = 20"	**41** = 41"
20 = 20" or 21"	**42** = 42"
21 = 21" or 22"	**52** = 52"
23 = 24" or 25"	**54** = 54"
24 = 24"	**56** = 56"
25 = 25" or 26"	**58** = 58"
26 = 26" or 27"	**60** = 60"
27 = 27" or 28"	**66** = 66"
28 = 28"	



Compliances, specifications and availability are subject to change without notice.

Junior duty

Product description

Flexible eye

LPJ62

Features & applications

- Single weave variable mesh automatically adjusts its grip to the load providing non-slip pulling and protects cable insulation from damage
- They are woven from tinned-bronze wire to provide superior corrosion resistance and are available in single eye and locking bale configurations
- Junior duty series grips are indispensable tools for electricians with small job requirements
- Used in industrial plants, commercial buildings, utility work and light duty underground transmission line stringing
- Junior pulling grips designed for pulling insulated building wire through conduit where pulling tensions are low and to connect a bundle of insulated building wire to a pulling tape

Flexible eye

Cord diameter	Mesh length	Approx. break strength†	Catalog no.*	
0.25-0.36" (3.4-9.1mm)	5" (127.0mm)	1,700 lbs.	☐ LPJ25	•
0.37-0.49" (9.4-12.4mm)	7" (177.8mm)	1,700 lbs.	☐ LPJ37	•
0.50-0.61" (12.7-15.5mm)	8" (203.2mm)	1,700 lbs.	☐ LPJ50	•
0.62-0.74" (15.7-19.0mm)	10" (254.0mm)	2,800 lbs.	☐ LPJ62	•
0.75-0.99" (19.1-25.1mm)	10" (254.0mm)	4,100 lbs.	☐ LPJ75	•
1.00-1.25" (25.4-31.8mm)	12" (304.8mm)	4,100 lbs.	☐ LPJ100	•

*Contact the factory for stainless steel support grips.
† To determine workload safety factor, divide approximate break strength by 10. See page N-34 for strength information.
Consult factory for price and availability.
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Light duty

Product description

Short & standard length, flexible eye

LP7512

LP7520

Features & applications

- Single weave variable mesh automatically adjusts its grip to the load providing non-slip pulling and protects cable insulation from damage
- They are woven from tinned-bronze wire to provide superior corrosion resistance and are available in single eye and locking bale configurations
- Light duty grips are the most economical pulling grips for many applications, such as industrial plant wiring and rewiring and underground electrical pulls
- Used in industrial plants, commercial buildings, utility work and light duty underground transmission line stringing

Short length, flexible eye

Cord diameter	Mesh length	Approx. break strength†	Catalog no.*	
0.50-0.61" (12.7-15.5mm)	11" (279.4mm)	3,400 lbs.	☐ LP5011	•
0.62-0.74" (15.7-18.8mm)	11" (279.4mm)	4,100 lbs.	☐ LP6211	•
0.75-0.99" (19.1-25.1mm)	13" (330.2mm)	4,100 lbs.	☐ LP7512	•
1.00-1.24" (25.4-31.5mm)	14" (355.6mm)	5,800 lbs.	☐ LP10013	•
1.25-1.49" (31.8-37.8mm)	15" (381.0mm)	5,800 lbs.	☐ LP12514	•
1.50-1.74" (38.1-44.2mm)	16" (406.4mm)	7,500 lbs.	☐ LP15015	•
1.75-1.99" (44.5-50.5mm)	18" (457.2mm)	10,000 lbs.	☐ LP17517	•
2.00-2.49" (50.8-63.2mm)	19" (482.6mm)	10,000 lbs.	☐ LP20018	•
2.50-2.99" (63.5-75.9mm)	19" (482.6mm)	13,000 lbs.	☐ LP25018	•

Standard length, flexible eye

Cord diameter	Mesh length	Approx. break strength†	Catalog no.*	
0.50-0.61" (12.7-15.5mm)	16" (406.4mm)	3,400 lbs.	☐ LP5016	•
0.62-0.74" (15.7-18.8mm)	16" (406.4mm)	4,100 lbs.	☐ LP6216	•
0.75-0.99" (19.1-25.1mm)	20" (508.0mm)	4,100 lbs.	☐ LP7520	•
1.00-1.24" (25.4-31.5mm)	20" (508.0mm)	7,500 lbs.	☐ LP10020	•
1.25-1.49" (31.8-37.8mm)	22" (558.8mm)	7,500 lbs.	☐ LP12521	•
1.50-1.99" (38.1-50.5mm)	25" (635.0mm)	7,500 lbs.	☐ LP15023	•
2.00-2.49" (50.8-63.2mm)	26" (660.4mm)	10,000 lbs.	☐ LP20025	•
2.50-2.99" (63.5-75.9mm)	28" (711.2mm)	13,000 lbs.	☐ LP25027	•
3.00-3.49" (76.2-88.6mm)	30" (762.0mm)	13,200 lbs.	☐ LP30030	•
3.50-3.99" (88.9-101.3mm)	32" (872.8mm)	19,400 lbs.	☐ LP35032	•

*Contact the factory for stainless steel support grips.
† To determine workload safety factor, divide approximate break strength by 10. See page N-34 for strength information.
Consult factory for price and availability.
Compliances, specifications and availability are subject to change without notice.

Indicates NAFTA compliant - Page Q-30

Medium duty

Product description

Short, standard & long length, flexible eye

MP25024

Features & applications

- Medium duty pulling grips are hand crafted with single weave strands that graduate to a double weave design for added strength and durability
- Variable mesh automatically adjusts its grip to the load providing non-slip pulling and protects cable insulation from damage
- These grips are woven in galvanized steel
- Used in industrial plants, commercial buildings and utility work
- Recommended for heavy or rugged applications and are ideally suited for overhead and underground pulling installations at an economical price

MP25036

MP25048

Short length, flexible eye, T-type

Cord diameter	Eye diameter	Mesh length	Approx. break strength†	Catalog no.*	
0.50-0.61" (12.7-15.5mm)	7/32" (0.2mm)	21" (533.4mm)	4,500 lbs.	☐ MP5021	•
0.62-0.74" (15.7-18.8mm)	1/4" (6.4mm)	24" (609.6mm)	5,600 lbs.	☐ MP6224	•
0.75-0.99" (19.1-25.1mm)	1/4" (6.4mm)	24" (609.6mm)	6,800 lbs.	☐ MP7524	•
1.00-1.49" (25.4-37.8mm)	5/16" (7.9mm)	24" (609.6mm)	9,600 lbs.	☐ MP10024	•
1.50-1.99" (38.1-50.2mm)	7/16" (11.1mm)	24" (609.6mm)	16,400 lbs.	☐ MP15024	•
2.00-2.49" (50.8-63.2mm)	7/16" (11.1mm)	24" (609.6mm)	18,500 lbs.	☐ MP20024	•
2.50-2.99" (63.5-75.9mm)	1/2" (12.7mm)	24" (609.6mm)	24,500 lbs.	☐ MP25024	•
3.00-3.49" (76.2-88.6mm)	1/2" (12.7mm)	24" (609.6mm)	24,500 lbs.	☐ MP30024	•
3.50-3.99" (88.9-101.3mm)	5/8" (15.9mm)	26" (660.4mm)	31,000 lbs.	☐ MP35026	•

Standard length, flexible eye, T-type

Cord diameter	Eye diameter	Mesh length	Approx. break strength†	Catalog no.*	
0.75-0.99" (19.1-25.1mm)	1/4" (6.4mm)	36" (914.4mm)	6,800 lbs.	☐ MP7536	•
1.00-1.49" (25.4-37.8mm)	5/16" (7.9mm)	36" (914.4mm)	9,600 lbs.	☐ MP10036	•
1.50-1.99" (38.1-50.2mm)	7/16" (11.1mm)	36" (914.4mm)	16,400 lbs.	☐ MP15036	•
2.00-2.49" (50.8-63.2mm)	7/16" (11.1mm)	36" (914.4mm)	18,500 lbs.	☐ MP20036	•
2.50-2.99" (63.2-70.9mm)	1/2" (12.7mm)	36" (914.4mm)	24,500 lbs.	☐ MP25036	•
3.00-3.49" (76.2-88.6mm)	1/2" (12.7mm)	36" (914.4mm)	24,500 lbs.	☐ MP30036	•
3.50-3.99" (88.9-101.3mm)	5/8" (15.9mm)	36" (914.4mm)	31,000 lbs.	☐ MP35036	•

Long length, flexible eye

Cord diameter	Mesh length	Approx. break strength†	Catalog no.*	
0.75-0.99" (19.1-25.1mm)	48" (1219.2mm)	8,100 lbs.	☐ MP7548	•
1.00-1.49" (25.4-37.8mm)	48" (1219.2mm)	11,600 lbs.	☐ MP10048	•
1.50-1.99" (38.1-50.2mm)	48" (1219.2mm)	19,400 lbs.	☐ MP15048	•
2.00-2.49" (50.8-63.2mm)	48" (1219.2mm)	19,400 lbs.	☐ MP20048	•
2.50-2.99" (63.2-70.9mm)	48" (1219.2mm)	25,900 lbs.	☐ MP25048	•
3.00-3.49" (76.2-88.6mm)	48" (1219.2mm)	25,900 lbs.	☐ MP30048	•
3.50-3.99" (88.9-101.3mm)	48" (1219.2mm)	32,400 lbs.	☐ MP35048	•

*Contact the factory for stainless steel support grips.
† To determine workload safety factor, divide approximate break strength by 10. See page N-34 for strength information.
Consult factory for price and availability.
Compliances, specifications and availability are subject to change without notice.

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Heavy duty

Product description

Short & standard length, rotating eye, K-type

PH7520

PH7532

Features & applications

- K-type pulling grips feature a double weave of galvanized steel for greater strength and added mesh contact with the cable as well as a forged steel compact rotating eye, which can be attached to a swivel
- Double weave variable mesh design provides added strength and greater mesh contact on the cable
- They are designed to handle longer or heavier pulling jobs such as an installation of underground cables, communication lines and service lines
- Used in factories, construction sites and utility work

Short length, rotating eye, K-type

Cord diameter	Eye diameter	Mesh length	Approx. break strength†	Catalog no.*	
0.50-0.61" (12.7-15.5mm)	7/8" (22.2mm)	11" (279.4mm)	5,600 lbs.	☐ PH5011	•
0.62-0.74" (15.7-18.8mm)	7/8" (22.2mm)	11" (279.4mm)	6,800 lbs.	☐ PH6211	•
0.75-0.99" (19.1-25.1mm)	1" (25.4mm)	20" (508.0mm)	9,600 lbs.	☐ PH7520	•
1.00-1.49" (25.4-37.8mm)	1-3/8" (34.9mm)	20" (508.0mm)	16,400 lbs.	☐ PH10020	•
1.25-1.49" (31.8-37.8mm)	1-3/8" (34.9mm)	21" (533.4mm)	16,400 lbs.	☐ PH12521	•
1.50-1.99" (38.1-50.2mm)	1-5/8" (41.3mm)	25" (635.0mm)	27,200 lbs.	☐ PH15025	•
2.00-2.49" (50.8-63.2mm)	1-7/8" (47.6mm)	26" (660.4mm)	33,000 lbs.	☐ PH20026	•
2.50-2.99" (63.5-75.9mm)	1-7/8" (47.6mm)	28" (711.2mm)	41,000 lbs.	☐ PH25028	•
3.00-3.49" (76.2-88.6mm)	1-7/8" (47.6mm)	30" (762.0mm)	48,000 lbs.	☐ PH30030	•
3.50-3.99" (88.9-101.3mm)	1-7/8" (47.6mm)	32" (812.8mm)	48,000 lbs.	☐ PH35032	•
4.00-4.49" (101.6-114.0mm)	1-7/8" (47.6mm)	33" (838.2mm)	48,000 lbs.	☐ PH40033	•

Standard length, rotating eye, K-type

Cord diameter	Eye diameter	Mesh length	Approx. break strength†	Catalog no.*	
0.50-0.61" (12.7-15.5mm)	7/8" (22.2mm)	16" (406.4mm)	5,600 lbs.	☐ PH5016	•
0.62-0.74" (15.7-18.8mm)	7/8" (22.2mm)	16" (406.4mm)	6,800 lbs.	☐ PH6216	•
0.75-0.99" (19.1-25.1mm)	1" (25.4mm)	32" (812.8mm)	9,600 lbs.	☐ PH7532	•
1.00-1.24" (20.4-31.5mm)	1-3/8" (34.9mm)	33" (838.2mm)	16,400 lbs.	☐ PH10033	•
1.50-1.99" (38.1-50.2mm)	1-3/8" (34.9mm)	34" (863.8mm)	16,400 lbs.	☐ PH15034	•
2.00-2.49" (50.8-63.2mm)	1-5/8" (41.3mm)	36" (914.4mm)	27,200 lbs.	☐ PH20036	•
2.50-2.99" (63.5-75.9mm)	1-7/8" (47.6mm)	38" (968.2mm)	33,000 lbs.	☐ PH25038	•
3.00-3.49" (76.2-88.6mm)	1-7/8" (47.6mm)	39" (990.6mm)	41,000 lbs.	☐ PH30039	•
3.50-3.99" (88.9-101.3mm)	1-7/8" (47.6mm)	41" (1041.4mm)	48,000 lbs.	☐ PH35041	•
4.00-4.49" (101.6-114.0mm)	1-7/8" (47.6mm)	42" (1066.8mm)	48,000 lbs.	☐ PH40042	•
4.50-4.99" (114.3-126.8mm)	1-7/8" (47.6mm)	58" (1473.2mm)	48,000 lbs.	☐ PH45058	•
5.00-5.99" (127.0-152.1mm)	1-7/8" (47.6mm)	60" (1524.0mm)	48,000 lbs.	☐ PH50060	•
6.00-6.99" (152.4-177.6mm)	1-7/8" (47.6mm)	66" (1676.4mm)	48,000 lbs.	☐ PH60066	•

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Consult factory for price and availability.
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Multi-weave

Product description

Rotating & flexible eye

PMF12556

Features & applications

- Multi-weave pulling grips are constructed of high strength galvanized steel and are designed for pulling aluminum or copper bare conductor, wire rope and insulated cables
- The forged steel rotating eye will thread through sheaves and blocks without binding, but is not a swivel and will not turn under tension
- Multi-weave pulling grips are available with a flexible or rotating eye, which can be attached to a swivel
- The rotating eye can turn to relieve pulling torque when tension is relaxed
- These grips are used in applications such as distribution line stringing and overhead transmission

Rotating eye

Cord diameter	Eye diameter	Mesh length	Approx. break strength†	Catalog no.*	
0.25-0.49" (6.4-12.5mm)	7/8" (22.2mm)	26" (660.4mm)	6,800 lbs.	☐ PMR2526	•
0.50-0.74" (12.7-18.8mm)	1" (25.4mm)	32" (812.8mm)	10,000 lbs.	☐ PMR5032	•
0.75-0.99" (19.1-25.1mm)	1" (25.4mm)	41" (1041.4mm)	14,400 lbs.	☐ PMR7541	•
1.00-1.24" (25.4-31.8mm)	1-3/8" (34.9mm)	52" (1320.8mm)	24,600 lbs.	☐ PMR10052	•
1.25-1.49" (31.8-37.8mm)	1-5/8" (41.3mm)	56" (1422.4mm)	30,600 lbs.	☐ PMR12556	•
1.50-1.74" (38.1-44.2mm)	1-7/8" (47.6mm)	60" (1524.0mm)	30,600 lbs.	☐ PMR15060	•
2.00-2.49" (50.8-63.3mm)	1-7/8" (47.6mm)	50" (1270.0mm)	48,000 lbs.	☐ PMR20050	•
2.50-2.99" (63.5-76.0mm)	1-7/8" (47.6mm)	52" (1320.8mm)	48,000 lbs.	☐ PMR25052	•
3.00-3.49" (76.2-88.6mm)	1-7/8" (47.6mm)	54" (1371.6mm)	48,000 lbs.	☐ PMR30054	•
3.50-3.99" (88.9-101.3mm)	1-7/8" (47.6mm)	56" (1422.4mm)	48,000 lbs.	☐ PMR35056	•

Flexible eye

Cord diameter	Eye diameter	Mesh length	Approx. break strength†	Catalog no.*	
0.25-0.49" (6.4-12.5mm)	1/4" (6.4mm)	26" (660.4mm)	6,800 lbs.	☐ PMF2526	•
0.50-0.74" (12.7-18.8mm)	5/16" (7.9mm)	32" (812.8mm)	10,000 lbs.	☐ PMF5032	•
0.75-0.99" (19.1-25.1mm)	3/8" (9.5mm)	41" (1041.4mm)	14,400 lbs.	☐ PMF7541	•
1.00-1.24" (25.4-31.8mm)	1/2" (12.7mm)	52" (1320.8mm)	24,600 lbs.	☐ PMF10052	•
1.25-1.49" (31.8-37.8mm)	1/2" (12.7mm)	56" (1422.4mm)	30,600 lbs.	☐ PMF12556	•
1.50-1.74" (38.1-44.2mm)	1/2" (12.7mm)	60" (1524.0mm)	30,600 lbs.	☐ PMF15060	•
2.00-2.49" (50.8-63.3mm)	5/8" (15.9mm)	50" (1270.0mm)	48,000 lbs.	☐ PMF20050	•
2.50-2.99" (63.5-76.0mm)	5/8" (15.9mm)	52" (1320.8mm)	48,000 lbs.	☐ PMF25052	•
3.00-3.49" (76.2-88.6mm)	5/8" (15.9mm)	54" (1371.6mm)	48,000 lbs.	☐ PMF30054	•
3.50-3.99" (88.9-101.3mm)	5/8" (15.9mm)	56" (1422.4mm)	48,000 lbs.	☐ PMF35056	•

NOTE: It is recommended that a swivel be used for release of torque during a pull. Use a connecting link when a swivel is not needed. Do not run grips or swivels over bullwheels while under tension. Do not use multi-weave for pulling rope. See installation instructions supplied with grip for recommended swivels, links and clamps or accessories listing.

*Contact the factory for stainless steel support grips.
† To determine workload safety factor, divide approximate break strength by 10. See page N-34 for strength information.
Consult factory for price and availability.
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Slack-double weave

Product description

Standard & long length, offset eye

SKT15017

SKT15025

Features & applications

- Slack grips feature an offset eye for easy attachment to the pulling line
- High strength galvanized steel wire mesh
- Used when cable end is accessible
- Single offset eye easily mates to swivel and line type connectors as well as easy attachment to pull line
- Used in factory maintenance and construction, utility work and replacement of underground cable
- Slack grips are reusable grips used for pulling slack in underground cable preparatory to final placement
- Also used for cable removal

Standard length, offset eye

Cord diameter	Mesh length	Approx. break strength†	Catalog no.*	
0.75-0.99" (19.1-25.1mm)	13" (330.2mm)	3,000 lbs.	☐ SKT7512	•
1.00-1.24" (25.4-31.2mm)	16" (406.4mm)	4,200 lbs.	☐ SKT10015	•
1.25-1.49" (31.8-37.8mm)	17" (431.8mm)	5,500 lbs.	☐ SKT12516	•
1.50-1.74" (38.1-44.2mm)	18" (457.2mm)	7,400 lbs.	☐ SKT15017	•
1.75-1.99" (44.5-50.5mm)	19" (482.6mm)	11,000 lbs.	☐ SKT17518	•
2.00-2.49" (50.8-63.3mm)	20" (508.0mm)	11,000 lbs.	☐ SKT20019	•
2.50-2.99" (63.5-76.0mm)	21" (533.4mm)	11,000 lbs.	☐ SKT25020	•
3.00-3.49" (76.2-88.6mm)	22" (558.8mm)	16,000 lbs.	☐ SKT30021	•
3.50-3.99" (88.9-101.3mm)	23" (584.2mm)	16,000 lbs.	☐ SKT35022	•

Long length, offset eye

Cord diameter	Mesh length	Approx. break strength†	Catalog no.*	
0.75-0.99" (19.1-25.1mm)	21" (533.4mm)	3,000 lbs.	☐ SKT7520	•
1.00-1.24" (25.4-31.2mm)	21" (533.4mm)	5,500 lbs.	☐ SKT10020	•
1.25-1.49" (31.8-37.8mm)	24" (609.6mm)	5,500 lbs.	☐ SKT12523	•
1.50-1.74" (38.1-44.2mm)	26" (660.4mm)	7,400 lbs.	☐ SKT15025	•
2.00-2.49" (50.8-63.3mm)	27" (685.8mm)	11,000 lbs.	☐ SKT20026	•
2.50-2.99" (63.5-76.0mm)	30" (762.0mm)	11,000 lbs.	☐ SKT25029	•
3.00-3.49" (76.2-88.6mm)	33" (838.2mm)	16,000 lbs.	☐ SKT30032	•
3.50-3.99" (88.9-101.3mm)	36" (914.4mm)	16,000 lbs.	☐ SKT35035	•

*Contact the factory for stainless steel support grips.
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Consult factory for price and availability.
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Slack - double weave

Product description

Split lace
Standard & long length, offset eye

SKTL12516

Features & applications

- High strength galvanized steel wire mesh
- Single offset eye easily mates to swivel and line type connectors. Easy attachment to pull line
- Available in standard & long length, double weave, lace closing
- Used when cable end is not accessible
- Used in factory maintenance and construction, utility work and replacement of underground cable

SKTL12524

Standard length, offset eye

Cord diameter	Mesh length	Approx. break strength†	Catalog no.*	
0.75-0.99" (19.1-25.1mm)	13" (330.2mm)	3,000 lbs.	☐ SKTL7512	•
1.00-1.24" (25.4-31.2mm)	16" (406.4mm)	4,100 lbs.	☐ SKTL10015	•
1.25-1.49" (31.8-37.8mm)	17" (431.8mm)	4,100 lbs.	☐ SKTL12516	•
1.50-1.74" (38.1-44.2mm)	18" (457.2mm)	5,500 lbs.	☐ SKTL15017	•
1.75-1.99" (44.5-50.5mm)	19" (482.6mm)	7,300 lbs.	☐ SKTL17518	•
2.00-2.49" (50.8-63.3mm)	20" (508.0mm)	7,300 lbs.	☐ SKTL20019	•
2.50-2.99" (63.5-76.0mm)	21" (533.4mm)	7,300 lbs.	☐ SKTL25020	•
3.00-3.49" (76.2-88.6mm)	22" (558.8mm)	9,200 lbs.	☐ SKTL30021	•
3.50-3.99" (88.9-101.3mm)	23" (584.2mm)	11,000 lbs.	☐ SKTL35022	•

Long length, offset eye

Cord diameter	Mesh length	Approx. break strength†	Catalog no.*	
0.75-0.99" (19.1-25.1mm)	21" (533.4mm)	3,000 lbs.	☐ SKTL7521	•
1.00-1.24" (25.4-31.2mm)	21" (533.4mm)	5,500 lbs.	☐ SKTL10021	•
1.25-1.49" (31.8-37.8mm)	24" (609.6mm)	5,500 lbs.	☐ SKTL12524	•
1.50-1.74" (38.1-44.2mm)	25" (635.0mm)	7,400 lbs.	☐ SKTL15025	•
2.00-2.49" (50.8-63.3mm)	27" (685.8mm)	11,000 lbs.	☐ SKTL20027	•
2.50-2.99" (63.5-76.0mm)	30" (762.0mm)	11,000 lbs.	☐ SKTL25030	•
3.00-3.49" (76.2-88.6mm)	33" (838.2mm)	16,000 lbs.	☐ SKTL30033	•
3.50-3.99" (88.9-101.3mm)	36" (914.4mm)	16,000 lbs.	☐ SKTL35036	•

*Contact the factory for stainless steel support grips.
† To determine workload safety factor, divide approximate break strength by 10. See page N-34 for strength information.
Consult factory for price and availability.
Compliances, specifications and availability are subject to change without notice.

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Slack - single weave

Product description

Split rod
Standard length, offset eye

SKR7510

Features & applications

- High strength galvanized steel wire mesh
- Single offset eye easily mates to swivel and line type connectors. Easy attachment to pull line
- Available in standard length, single weave and rod closing
- Used when cable end is not accessible
- Dependable, reusable tool for pulling up slack where cable is in service
- Used in factory maintenance and construction, utility work and replacement of underground cable

Standard length, offset eye

Cord diameter	Mesh length	Approx. break strength†	Catalog no.*	
0.50-0.61" (12.7-15.5mm)	7" (177.8mm)	1,800 lbs.	☐ SKR506	•
0.62-0.74" (15.7-18.8mm)	9" (228.6mm)	1,900 lbs.	☐ SKR628	•
0.75-0.99" (19.1-25.1mm)	11" (279.4mm)	3,000 lbs.	☐ SKR7510	•
1.00-1.24" (25.4-31.2mm)	12" (304.8mm)	4,100 lbs.	☐ SKR10012	•
1.25-1.49" (31.8-37.8mm)	14" (355.6mm)	5,700 lbs.	☐ SKR12514	•
1.50-1.74" (38.1-44.2mm)	16" (406.4mm)	5,800 lbs.	☐ SKR15015	•
1.75-1.99" (44.5-50.5mm)	17" (431.8mm)	7,700 lbs.	☐ SKR17516	•
2.00-2.49" (50.8-63.3mm)	20" (508.0mm)	9,300 lbs.	☐ SKR20019	•
2.50-2.99" (63.5-76.0mm)	21" (533.4mm)	11,300 lbs.	☐ SKR25020	•
3.00-3.49" (76.2-88.6mm)	22" (558.8mm)	15,100 lbs.	☐ SKR30021	•
3.50-3.99" (88.9-101.3mm)	25" (635.0mm)	15,100 lbs.	☐ SKR35024	•

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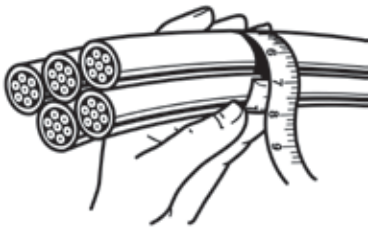
Wire mesh grip reference

Selecting properly sized pulling and support grips

Select grip size based upon the outside diameter or circumference of the cable(s). See following reference tables for convenience in determining cable diameters

Grip selection for one or more cables of equal diameter

1. Read across top line for number of cables in one grip
2. Read down for diameter of each cable
3. Read across to the right to grip diameter range column



Example: For five cables together with diameter of 0.42" each

1. Locate "5 cables" column
2. Read down column to range (0.38–0.48")
3. Read across line to grip diameter range (1.00–1.25")

Decimal and fraction inch cable diameters for one or more cables of equal diameter

1 Cable	2 Cables	3 Cables	4 Cables	Grip diameter range
0.25-0.37" = 1/4-3/8"	0.16-0.25" = 1/64-1/4"	0.15-0.22" = 5/32-7/32"	0.12-0.20" = 1/8-13/64"	0.25-0.375"
0.37-0.50" = 3/8-1/2"	0.25-0.36" = 1/4-23/64"	0.22-0.33" = 7/32-21/64"	0.20-0.28" = 13/64-9/32"	0.375-0.50"
0.50-0.62" = 1/2-5/8"	0.27-0.36" = 17/64-23/64"	0.26-0.33" = 17/64-21/64"	0.24-0.28" = 15/64-9/32"	0.50-0.62"
0.62-0.75" = 5/8-3/4"	0.36-0.45" = 23/64-29/64"	0.33-0.36" = 21/64-23/64"	0.28-0.31" = 9/32-5/16"	0.62-0.75"
0.75-1.00" = 3/4-1"	0.45-0.60" = 29/64-39/64"	0.36-0.49" = 23/64-31/64"	0.31-0.42" = 5/16-27/64"	0.75-1.00"
1.00-1.25" = 1-1 1/4"	0.60-0.76" = 39/64-49/64"	0.49-0.63" = 31/64-5/8"	0.42-0.54" = 27/64-35/64"	1.00-1.25"
1.25-1.50" = 1 1/4-1 1/2"	0.76-0.91" = 49/64-29/32"	0.63-0.75" = 5/8-49/64"	0.54-0.65" = 35/64-21/32"	1.25-1.50"
1.50-1.75" = 1 1/2-1 3/4"	0.91-1.08" = 29/32-1 15/64"	0.76-0.89" = 49/64-57/64"	0.65-0.77" = 21/32-49/64"	1.50-1.75"
1.75-2.00" = 1 3/4-2"	1.23-1.54" = 1 15/64-1 35/64"	0.89-1.02" = 57/64-11/64"	0.77-0.88" = 49/64-7/8"	1.75-2.00"
2.00-2.50" = 2-2 1/2"	1.54-1.84" = 1 15/64-1 35/64"	1.02-1.28" = 1 1/64-1 9/32"	0.88-1.00" = 7/8-1"	2.00-2.50"
2.50-3.00" = 2 1/2-3"	1.54-1.84" = 1 35/64-1 27/32"	1.28-1.53" = 1 9/32-1 17/32"	1.10-1.32" = 1 3/32-1 21/64"	2.50-3.00"
3.00-3.50" = 3-3 1/2"	1.84-2.15" = 1 27/32-1 25/32"	1.53-1.79" = 1 17/32-1 51/64"	1.32-1.54" = 1 21/64-1 35/64"	3.00-3.50"
3.50-4.00" = 3 1/2-4"	2.15-2.45"= 2 5/32-2 29/64"	1.79-2.05" = 1 51/64"- 2 3/64"	1.54-1.76" = 1 35/64-1 49/64"	3.50-4.00"

Decimal and fraction inch cable diameters for one or more cables of equal diameter

5 Cables	6 & 7 Cables	8 Cables	9 Cables	Grip diameter range
0.11-0.14" = 7/64-9/64"	0.10-0.11" = 3/32-7/64"	0.09-0.10" = 3/32-7/64"	0.06-0.09" = 1/16-3/32"	0.25-0.375"
0.14-0.21" = 9/64-1/4"	0.11-0.25" = 7/64-1/4"	0.10-0.20" = 7/64-13/64"	0.09-0.19" = 3/32-3/16"	0.375-0.50"
0.21-0.25" = 7/32-1/4"	0.19-0.22" = 3/16-7/32"	0.17-0.20" = 11/64-13/64"	0.15-0.19" = 5/32-3/16"	0.50-0.62"
0.25-0.29" = 1/4-19/64"	0.22-0.26" = 7/32-17/64"	0.20-0.23" = 13/64-15/64"	0.19-0.22" = 3/16-7/32"	0.62-0.75"
0.29-0.38" = 19/64-3/8"	0.26-0.34" = 17/64-11/32"	0.23-0.31" = 15/64-5/16"	0.22-0.31" = 7/32-5/16"	0.75-1.00"
0.38-0.48" = 3/8-31/64"	0.34-0.43" = 11/32-7/16"	0.31-0.39" = 5/16-25/64"	0.29-0.36" = 19/64-23/64"	1.00-1.25"
0.48-0.58" = 31/64-41/64"	0.43-0.52" = 7/16-33/64"	0.39-0.46" = 25/64-15/32"	0.36-0.43" = 23/64-7/16	1.25-1.50"
0.58-0.67" = 37/64-43/64"	0.52-0.60" = 33/64-39/64"	0.46-0.54" = 15/32-35/64"	0.43-0.49" = 7/16-31/64	1.50-1.75"
0.67-0.77" = 43/64-49/64"	0.60-0.69" = 39/64-11/16"	0.54-0.62" = 35/64-5/8"	0.49-0.57" = 31/64-37/64"	1.75-2.00"
0.77-0.96" = 49/64-31/32"	0.69-0.86" = 11/16-55/64"	0.62-0.77" = 5/8-49/64"	0.57-0.72" = 37/64-23/32"	2.00-2.50"
0.96-1.16" = 31/32-1 5/32"	0.86-1.03" = 55/64-1 1/32"	0.77-0.93" = 49/64-15/16"	0.72-0.86" = 23/32-55/64"	2.50-3.00"
1.16-1.35" = 1 5/32-1 23/64"	1.03-1.20" = 1 1/32-1 13/64"	0.93-1.08" = 15/16-1 5/64"	0.86-1.00" = 55/64-1"	3.00-3.50"
1.35-1.54" = 1 23/64-1 35/64"	1.20-1.37" = 1 13/64-1 3/8"	1.08-1.24" = 1 5/64-1 15/64"	1.00-1.14" = 1-1 9/64"	3.50-4.00"

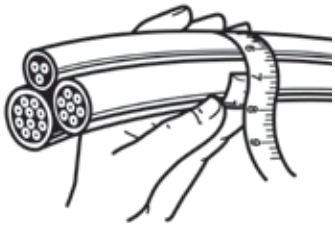
Compliances, specifications and availability are subject to change without notice.

Selecting properly sized pulling and support grips

Grip circumference range refers to circumference of all cables held together

Grip circumference range refers to circumference of all cables held together

1. Determine grip circumference range by measuring circumference of bundle of cables to be held (as shown in illustration)
2. Read down to locate correct range
3. Read across to grip diameter column

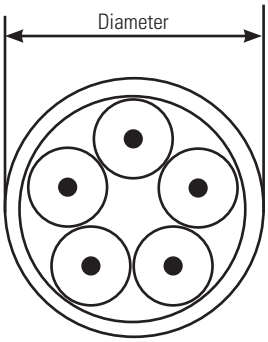


Example: For three cables together with combined circumference of 6.35"

1. Read down "inches (decimal)" column for 6.35" (6.29-7.86")
2. Read across line to grip diameter range (2.00-2.50")

Grip circumference range for cables of different diameter

Inches (fractional)	Inches (decimal)	Grip diameter range
25/32-1 11/64"	0.78-1.17"	0.25-0.375"
1 11/64-1 37/64"	1.17-1.57"	0.375-0.50"
1 37/64-2 3/8"	1.57-2.37"	0.50-0.75"
1 15/16-2 3/8"	1.94-2.37"	0.625-0.75"
2 3/8-3 5/32"	2.37-3.15"	0.75-1.00"
3 5/32-3 15/16"	3.15-3.94"	1.00-1.25"
3 15/16-4"	3.94-4.72"	1.25-1.50"
4 23/32-5 33/64"	4.72-5.51"	1.50-1.75"
5 33/64-6 19/64"	5.51-6.29"	1.75-2.00"
6 19/64-7 55/64"	6.29-7.86"	2.00-2.50"
7 55/64-9 7/16"	7.86-9.43"	2.50-3.00"
9 7/16-11 1/64"	9.43-11.01"	3.00-3.50"
11 1/64-12 37/64"	11.01-12.58"	3.50-4.00"



Cord diameters reference table

AWG wire size & type	2 Conductors	3 Conductors	4 Conductors	5 Conductors
18 SO, STO	0.36"	0.38"	0.41"	0.49"
18 SJO, SJTO	0.30"	0.32"	0.35"	—
16 SO, STO	0.39"	0.41"	0.44"	0.52"
16 SJO, SJTO	0.32"	0.34"	0.37"	—
14 SO, STO	0.52"	0.55"	0.59"	0.67"
14 SJO, SJTO	0.34"	0.36"	0.39"	—
12 SO, STO	0.60"	0.62"	0.68"	0.74"
12 SJO, SJTO	0.41"	0.43"	0.47"	—
10 SO, STO	0.65"	0.69"	0.74"	0.80"
10 SJO, SJTO	0.54"	0.57"	0.63"	—
8 SO, STO	0.83"	0.88"	0.99"	1.08"
6 SO, STO	0.99"	1.04"	1.12"	1.25"

For your convenience, above are nominal overall diameters (in inches) for flexible cord.

Compliances, specifications and availability are subject to change without notice.

Wire mesh grip reference

Strength information

The approximate breaking strength of any Arrow Hart wire mesh cable grip is based on working load information established in laboratory testing. In making these determinations, it is not possible to cover all applications and operating conditions. Variables such as diameters, gripping surfaces, number of items gripped, tension, movement, attachment, abrasion, corrosion, prior use, or abuse must be assessed by the user. Greater safety factors should be utilized when the conditions of application are vague or unknown.

Wire mesh grips should never be used to the approximate breaking strength. For specific applications where strength and holding power are important, consult the manufacturer. To determine the recommended working load safety factor for listed cable grips, divide the approximate breaking strength by 5 for pulling grips and 10 for support grips. Arrow Hart maintains a 6 sigma safety factor for pulling grips and a 5 sigma safety factor for support grips for these recommended working loads (using average break strengths obtained on new grips under lab test conditions).

Example: For pulling grips – 33,000÷5=6,600 lbs. which is the workload factor
Example: For support grips – 10,080÷10=1,008 lbs. which is the workload factor

Grip cable range conversion

Inches (fractional)	Inches (decimal)	Metric (mm)
1 1/4-1 31/64"	1.25-1.49"	31.75-37.70mm
1 1/2-1 63/64"	1.50-1.99"	38.10-50.40mm
2-2 31/64"	2.00-2.49"	50.80-63.10mm
2 1/2-2 63/64"	2.50-2.99"	63.50-75.80mm
3-3 31/64"	3.00-3.49"	76.20-88.50mm
3 1/2-3 63/64"	3.50-3.99"	88.90-101.20mm

Grip cable range conversion

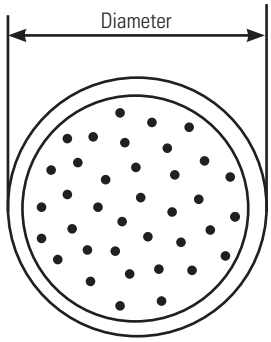
Inches (fractional)	Inches (decimal)	Metric (mm)
1/4-23/64"	0.25-0.36"	6.35-9.13mm
3/8-31/64"	0.37-0.49"	9.52-12.30mm
1/2-39/64"	0.50-0.61"	12.70-15.48mm
5/8-47/64"	0.62-0.74"	15.88-18.65mm
3/4-63/64"	0.75-0.99"	19.05-25.00mm
1-1 15/64"	1.00-1.24"	25.40-31.35mm

AWG or MCM wire sizes

This table to be used as guide only. Sizes may vary by manufacturer.

Grip cable range conversion

AWG or MCM	Approximate diameter THHM	Approximate diameter THW
14	0.105"	0.162"
12	0.122"	0.179"
10	0.153"	0.199"
8	0.201"	0.259"
6	0.257"	0.323"
4	0.328"	0.372"
3	0.356"	0.401"
2	0.388"	0.433"
1	0.450"	0.508"
1/0	0.491"	0.549"
2/0	0.537"	0.595"
3/0	0.588"	0.647"
4/0	0.646"	0.705"
250	0.716"	0.788
300	0.771"	0.843"
350	0.822"	0.895"
400	0.869"	0.942"
500	0.955"	1.03"
600	1.06"	1.14"
700	1.13"	1.21"
750	1.16"	1.25"
1000	1.32"	1.40"



Compliances, specifications and availability are subject to change without notice.

Split mesh closing instructions

Permanent and temporary support applications where cable end is not available.

Split mesh grip lace closing instructions

Lace closing grips are for permanent support applications where the cable end is not available. Laces should be the same material as the grip. The lace should also be the same weave as the grip mesh. A single lace should be used with single weave grips. A double lace should be used with double weave grips. Arrow Hart grips are supplied with the appropriate lace. Only new laces should be used

1. Place the grip around the cable. Starting at the eye end, thread the lace through the first two loops on either side of the mesh split. Pull the lace through the loops until the lace strands and thread them through the next two loops. Continue lacing the grip with this method

2. Do not lace the grip too tight. The mesh spacing created by the lace should be equal to the mesh spacing of the rest of the grip

3. At the end of the grip, twist the laces tightly together or tie a knot

4. Wrap the laces tightly around the tail of the grip once or twice. Twist the ends tightly to secure. Extra lace may be cut off

Split mesh grip rod closing instructions

Rod closing grips are for temporary support applications where the cable end is not available. Rod closing grips are quick and easy to install are reusable.

1. Place the grip around the cable. Starting at the eye end, thread the rod through the formed loops with a corkscrew motion. Use the curved leading end of the rod to pull the loops together

2. Use a steady push and twist motion with the hand on the rod. The fingers of the other hand pull the mesh loops together in front of the leading end of the rod

3. To remove the grip, pull the rod out

Compliances, specifications and availability are subject to change without notice.

SECTION

O

Electrical Accessories

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Electrical accessory families O-2

Medium base ceiling lampholders O-3

Plastic

660W, 250V/AC O-3

Porcelain

660W, 125V/AC & 250V/AC O-3

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660W, 600V/AC O-4

Slimline

660W, 600V/AC O-4

660W, 1000V/AC O-4

Medium bi-pin

660W, 600V/AC O-5

Pigtail lampholders O-5

Medium base

660W, 250V/AC O-5

660W, 600V/AC O-5

Sign & scoreboard lampholders O-6

Medium base

200W, 250V/AC O-6

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Sign, heater & cleat sockets O-7

Sign sockets

660W, 250V/AC O-7

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660W, 250V/AC O-7

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660W, 250V/AC O-7

Miscellaneous lampholders O-8

Incandescent fixture sockets

660W, 250V/AC O-8

Canopy & circuit control switches O-9

AC specialty switches

Canopy switches: 1A & 3A, 3A & 6A O-9

Circuit control toggle switches: 3A & 6A O-9

Electrical accessory families

Electrical accessories for a variety of new and replacement applications

Arrow Hart has one of the most extensive lines of sign and scoreboard lighting devices in the industry and offers a variety of materials for a wide range of incandescent and fluorescent applications including electrical equipment, harnesses and light strings

Ceiling lampholders

Our ceiling lampholder family includes lampholders made of high-temperature thermoplastic or high-strength insulator porcelain in either pull chain or keyless configurations with or without extra 2-pole, 2-wire or 2-pole, 3-wire outlets.

Fluorescent lampholders

The fluorescent family of lampholders includes recessed double contact, slimline and medium bi-pin lampholder styles in either plunger or stationary styles.

Pigtail lampholders

Primarily for use in electrical equipment, harnesses and light strings, our pigtail lampholders are available in either medium base or miniature base, and include weatherproof rubber or phenolic designs.

Sign & scoreboard lampholders

Arrow Hart's broad selection of sign and scoreboard lampholders includes Attachon designs in medium, intermediate and candelabra bases in a variety of panel mounting options featuring snap-in, screw-in, hook, no hook, and spring-washer models.

Sockets

This family of lampholders includes heater and cleat sockets for use with heater elements, stage lighting and similar applications in Edison, medium, candelabra and miniature bases.

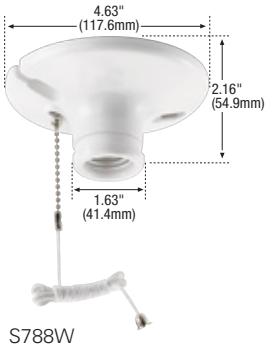
Canopy & circuit control switches

For use in fixtures, appliances, doorways and equipment, this family includes a variety of styles and sizes of push button and pull chain canopy switches and circuit control toggle switches.

Medium base ceiling lampholders

Product description

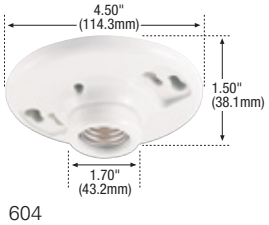
Medium base
660W, 125V/AC
660W, 250V/AC



S788W

S1174W

669



604

Features

- Mounts on 4" (101.6mm) outlet boxes with breakout for 3.25" (82.5mm) box mounting
- Leads are 6" (152.4mm) 221°F (105°C) insulated stranded #16, stripped 0.75" (19.0mm)
- Pull chain devices include ball chain, 3' (0.9m) of cord, connector and end bell
- Top wire versions have terminal screws backed out – ready for wiring – without removing interior
- Push wire terminals are top wired with two push-in terminals and two screw terminals for continuous wiring
- Plastic models made with high-temperature thermoset plastic to reduce breakage
- Porcelain models made with high-strength insulator porcelain; pull chain versions feature removable interiors

Plastic ceiling lampholders

Rating W	Rating V/AC	Description	Color	Catalog no.		
660	250	Two piece, push wire/top wire, pull chain switch	W	☐ S759W-CD		•
		Two piece, 6" (152.4mm) leads, pull chain switch	W	☐ S788W		•
		Two-piece, with 15A 125V/AC NEMA 1-15P 2P, 2W outlet push wire/top wire, pull chain switch	W	☐ S860W		•
		Two-piece, with 15A 125V/AC NEMA 1-15P 2P, 2W outlet push wire/top wire, pull chain switch	W	☐ S865W		•
		One piece, 4 top wire screws, keyless switch	W	☐ S1174W	•	•
		One piece, 6" (152.4mm) leads, keyless switch	W	☐ S1174-6W*	•	•
		Two piece, push wire/top wire, keyless switch	W	☐ S768W		•
		Two piece, 6" (152.4mm) leads, keyless switch	W	☐ S768-6W*		•

* Not cULus Listed & NOM certified

Porcelain ceiling lampholders

Rating W	Rating V/AC	Description	Color	Catalog no.	
660	125	Two piece, w/ 15A 125V/AC 2P 2W outlet, 2 screw terminals, top wire, pull chain switch	W	☐ 669	•
		Two piece, w/ 15A 125V/AC 2P 3W outlet, 2 screw terminals, top wire, pull chain switch	W	☐ 667	•
660	250	One piece, w/ feed-through, 4 screw terminals, top wire, keyless switch	W	☐ 604	•
		Two piece, w/ feed-through, 4 screw terminals, top wire, pull chain switch	W	☐ 659	•

Color information:

W (White)

W

(White)

Compliances, specifications and availability are subject to change without notice.

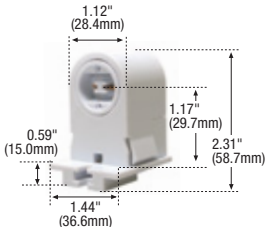
Indicates NAFTA compliant - Page Q-32

RoHS compliant - Page Q-32

Fluorescent lampholders

Product description

Recessed double contact
660W, 600V/AC



2500W

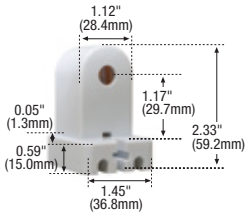
Features

- For replacement use in fluorescent lighting fixtures as well as enclosed outdoor signs
- Recessed double-contact lampholders can be used for flush or surface mounting
- Captive pal nut for easy mounting
- Push-in wire terminals feature release slots
- Molded of durable white thermoset plastic

Commercial grade receptacles

Rating W	Rating V/AC	Description	Color	Catalog no.	RoHS
660	600	Plunger, push wire cap, screw switch	W	☐2501W	•
		Stationary, push wire cap, screw switch	W	☐2500W	•

For panel cutout dimensional data, see Section Q-Technical Reference



2503W

Fluorescent lampholders

Product description

Slimline
660W, 600V/AC; 660W, 1000V/AC

2504W

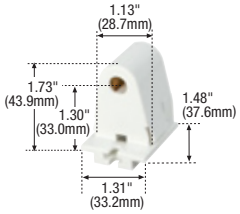
Features

- For replacement use in fluorescent lighting fixtures as well as enclosed outdoor signs
- Plunger lampholders feature non-sticking, spring-loaded plunger to hold lamp securely
- Captive pal nut for easy mounting
- Push-in wire terminals feature release slots

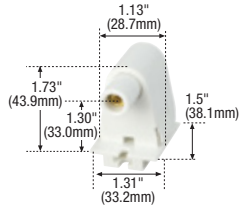
Slimline fluorescent lampholders

Rating W	Rating V/AC	Description	Color	Catalog no.	RoHS
660	600	Stationary, push wire cap, slide-on switch	W	☐2506W	•
		Stationary, push wire cap, screw switch	W	☐2503W	
660	1000	Plunger, push wire cap, slide-on switch	W	☐2507W	•
		Plunger, push wire cap, screw switch	W	☐2504W	

For panel cutout dimensional data, see Section Q-Technical Reference



2506W



2507W

Color information:

W (White)

W
(White)

Compliances, specifications and availability are subject to change without notice.

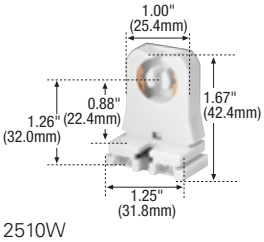
RoHS compliant - Page Q-32

Fluorescent lampholders

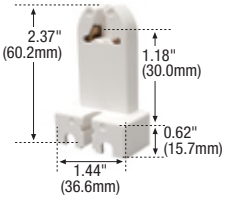
Product description

Medium bi-pin
660W, 600V/AC

2509W



2510W



924W

722

145

Features

- For replacement use in fluorescent lighting fixtures
- Use for flush or surface mounting
- Captive pal nut for easy mounting
- Push-in wire terminals feature release slots

Fluorescent lampholders

Rating W	Rating V/AC	Description	Color	Catalog no.	
660	600	Standard, push wire, slide-on & screw switch	W	☐ 2509W	•
		Short, push wire, slide-on & screw switch	W	☐ 2510W	•
		Standard, screw terminals, screw switch	W	☐ 924W†	

For panel cutout dimensional data, see Section Q-Technical Reference
† Not UL Listed or CSA certified

Pigtail lampholders

Product description

Medium base
660W, 250V/AC; 660W, 600V/AC

Features

- For use in electrical equipment, harnesses, light strings and related applications
- Wire leads are 5" (127.0mm) of color-coded stranded wire, stripped 1" (25.4mm) for easy connection
- Rubber sockets have an extended lip to seal against bulb
- Metal shell interiors are aluminum, 145 nickel plated copper with sealed leads where they enter husk

Pigtail lampholders

Rating W	Rating V/AC	Description	Catalog no.		
660	250	Phenolic, wire size #14 AWG	☐ 722*	•	
660	600	Weatherproof rubber, wire size #14 AWG	☐ 145		•

For panel cutout dimensional data, see Section Q-Technical Reference
*Only UL Listed

Color information:

W (White)

W

(White)

Compliances, specifications and availability are subject to change without notice.

Indicates NAFTA compliant - Page Q-32

RoHS compliant - Page Q-32

Scoreboard lampholders

Sign & scoreboard lighting

Product description

Attachon lampholders,
660W, 250V/AC; 200W, 250V/AC

732

732-3

Features

- Insulation displacement terminals for stranded wire
- Lay in wire channels, 1/4 turn twist top speeds installation
- One piece terminals and contacts, no rivets or eyelets to loosen due to heat
- Sockets are molded of heat-resistant phenolic
- #732 is weatherproof, suitable for outdoor use
- Intermediate and candelabra bases offer snap-in or screw-in panel mounting options
- Keyed spring washer prevents rotation of socket after installation

Medium base Attachon

Rating W	Rating V/AC	Description	Catalog no.		
660	250	Weatherproof phenolic, wire range #14 to #12 AWG, hook mounting	☐ 732	•	•
		Weatherproof phenolic, wire range #14 to #12 AWG, no hook mounting	☐ 732-1	•	•
		Weatherproof phenolic, wire range #14 to #12 AWG, snap-in mounting	☐ 732-3	•	•

For panel cutout dimensional data, see Section Q-Technical Reference

Medium base Attachon with guard

Rating W	Rating V/AC	Description	Catalog no.		
200	250	Phenolic socket (732), yellow guard, wire range #18 to #12 AWG, hook mounting	☐ 1466Y	•	•

Compliances, specifications and availability are subject to change without notice.

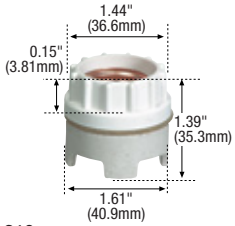
Indicates NAFTA compliant - Page Q-32

RoHS compliant - Page Q-32

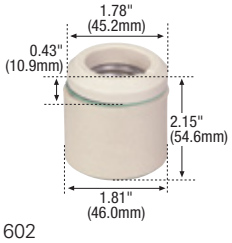
Sign, heater & cleat sockets

Product description

660W, 250V/AC



610



602

S752W

Features

- Sign sockets are high-strength insulator porcelain
- Heater sockets are for use with heater elements
- Cleat sockets are for use with stage lighting and similar applications

Sign sockets

Rating W	Rating V/AC	Description	Color	Catalog no.	RoHS
660	250	2-Piece w/ screw terminals, medium base, keyless switch	W	☐610	•
		2-Piece w/ 9" (228.6mm) wire leads, medium base, keyless switch	W	☐609	•

Heater socket - porcelain

Rating W	Rating V/AC	Description	Color	Catalog no.	RoHS
660	250	2-Piece w/ screw terminals, edison base, keyless switch	W	☐602	•

Cleat socket - thermoset

Rating W	Rating V/AC	Description	Color	Catalog no.	RoHS
660	250	Front wire screw terminals, medium base, keyless switch	W	☐S752W	•

Color information:

W (White)

W

(White)

Compliances, specifications and availability are subject to change without notice.

RoHS compliant - Page Q-32

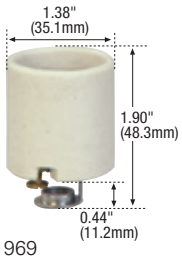
Miscellaneous lampholders

Incandescent lampholders

Product description

Fixture sockets
660W, 250V/AC

968



969

Features

- Hickeys and nipples are threaded for mounting on standard fixture, lamp stems or brackets
- Interiors have removable turn knobs

Incandescent lampholders

Rating W	Rating V/AC	Description	Catalog no.	RoHS
660	250	Phenolic, screw terminals, keyless switch bracket height: 0.44" (11.1mm), overall height: 1.88" (47.8mm)	☐ 968*	•
		Porcelain, screw terminals, keyless switch bracket height: 0.44" (11.1mm), overall height: 1.88" (47.8mm)	☐ 969†	•

*UL Listed & CSA certified only
†UL Listed, CSA certified & NOM certified

Compliances, specifications and availability are subject to change without notice.

RoHS compliant - Page Q-32

Canopy switches

Product description

Single-pole, two-circuit
1A, 125V/AC; 1A, 250V/AC
3A, 125V/AC; 3A, 250V/AC; 6A, 125V/AC

449NP

Features

- Wide variety of sizes for use in fixtures, appliances, doorways and equipment
- Shank is threaded 15/32"-32 x 15/32" (11.8mm) long
- Hex nut and finishing nut furnished
- 6" (152.4mm) wire lead terminals, #18 105°C stripped 0.75" (19.1mm)

458BD

Push button

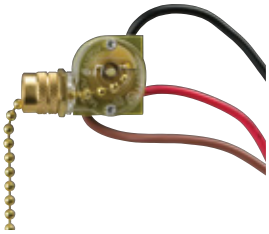
Rating A	V/AC	Circuit	Description	Sequence	Finish	Catalog no.	
1	125 "T"	Single pole	Metal push button	On-off	Nickel	☐449NP	•
1	250						
3	250						

442

Pull chain

Rating A	V/AC	Circuit	Description	Sequence	Finish	Catalog no.
1	125 "T"	Single pole	Pull chain with end bell	On-off	Nickel	☐458NP
1	250					
3	125					
1	125 "T"	Single pole	Pull chain with end bell	On-off	Brass	☐458BD
1	250					
3	125					
3	125 "T"	Single pole	Pull chain with end bell	On-off	Nickel	☐442
3	250					
6	125					
3	250	Two-circuit	Pull chain with end bell	Lo-med-hi-off	Brass	☐460*
6	125					

*cRUus Listed



460

452

Circuit control/toggle switch

Product description

Single-pole
3A, 250V/AC
6A, 125V/AC

Features

- Shank is threaded 15/32"-32 x 9/32" (7.1mm) long
- Keyed shank, indicator plate and finishing nut furnished
- 6" (152.4mm) wire leads, #18 105°C stripped 0.75" (19.1mm)

Incandescent lampholders

Rating A	V/AC	Circuit	Description	Sequence	Catalog no.
3	250	SPST	Metal bat handle	On-off	☐452
6	125				

Color information:

Nickel, Brass

(Nickel) (Brass)

Compliances, specifications and availability are subject to change without notice.

RoHS compliant - Page Q-32

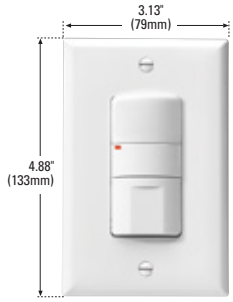
SECTION P

Commercial Lighting Controls

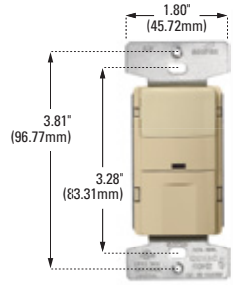
Wire leads-wall mount

Commercial specification grade occupancy sensors features

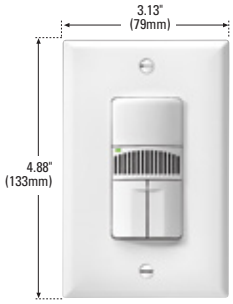
- Selectable automatic ON mode or manual ON mode
- Convenient installation and test mode for set up
- Adjustable built-in light level sensor for additional energy savings
- Selectable time delay
- California Title 24 compliant
- For use with incandescent lamps, halogen fixtures, electronic and magnetic fluorescent ballasts, and electrical motor loads
- Wallplate included with OSP10 & OSD10 models
- Dual rated: 120V and 277V in the same unit
- Single-pole or 3-way wiring
- Manual OFF push button can be used in either automatic or manual mode
- Reinforced lens is tamper-resistant
- Zero-crossing switching technology to maximize relay life and ensure wall switch longevity
- Fits standard size decorator wallplate



OSP10



OSP10M



OSD10DN

Wire leads – wall mount PIR with instinct (no neutral)

Coverage area	Description	Color suffix	Catalog no.
1000 sq. ft. major motion (92.2 sq. m) 300 sq. ft. minor motion (27.9 sq. m)	180º passive infrared single relay occupancy sensing wall switch	A, BK, GY, LA, V, W	☐ OSP10-__
	180º passive infrared dual relay occupancy sensing wall switch	A, BK, GY, LA, V, W	☐ OSP10D-__

cULus listed

Wire leads – wall mount PIR (no neutral)

Coverage area	Description	Color suffix	Catalog no.
1000 sq. ft. major motion (92.2 sq. m) 300 sq. ft. minor motion (27.9 sq. m)	180º passive infrared single relay occupancy sensing wall switch	A, BK, GY, LA, V, W	☐ OSP10M-__

cULus listed

Wire leads – wall mount dual tech with instinct (neutral required)

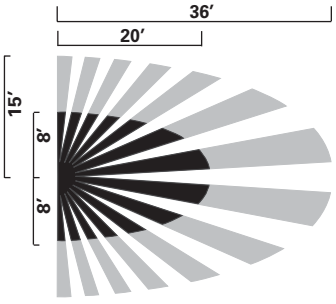
Coverage area	Description	Color suffix	Catalog no.
1000 sq. ft. major motion (92.2 sq. m) 300 sq. ft. minor motion (27.9 sq. m)	180º dual tech single relay occupancy sensing wall switch	A, BK, GY, LA, V, W	☐ OSD10N-__
	180º dual tech dual relay occupancy sensing wall switch	A, BK, GY, LA, V, W	☐ OSD10DN-__

cULus listed

Electronic specifications

OSP10, OSP10D, OSD10N, OSD10DN	OSP10M
Power requirements: 120/277VAC @ 60Hz	**Power requirements:** 120/277VAC @ 60Hz
Maximum load: Incandescent/halogen: @120V: 6.7A, 800W, 60Hz Fluorescent: @120V: 10A, 1200W, 60Hz @277V: 9.8A, 2700W, 60Hz Motor: @120V: 1/4 HP @125 V/AC	**Maximum load:** Incandescent/halogen: @120VAC, 60Hz: 15A, 1800W Magnetic ballast (Fluorescent, MLV): @120VAC, 60Hz: 15A, 1800VA @277VAC, 60Hz: 8A, 2200VA Electronic ballast (Fluorescent, CFL/LED/ELV lighting): @120VAC, 60Hz: 10A, 1200VA @277VAC, 60Hz: 8A, 2200VA Motor: @120VAC, 60Hz; 1/2 Hp

Coverage area



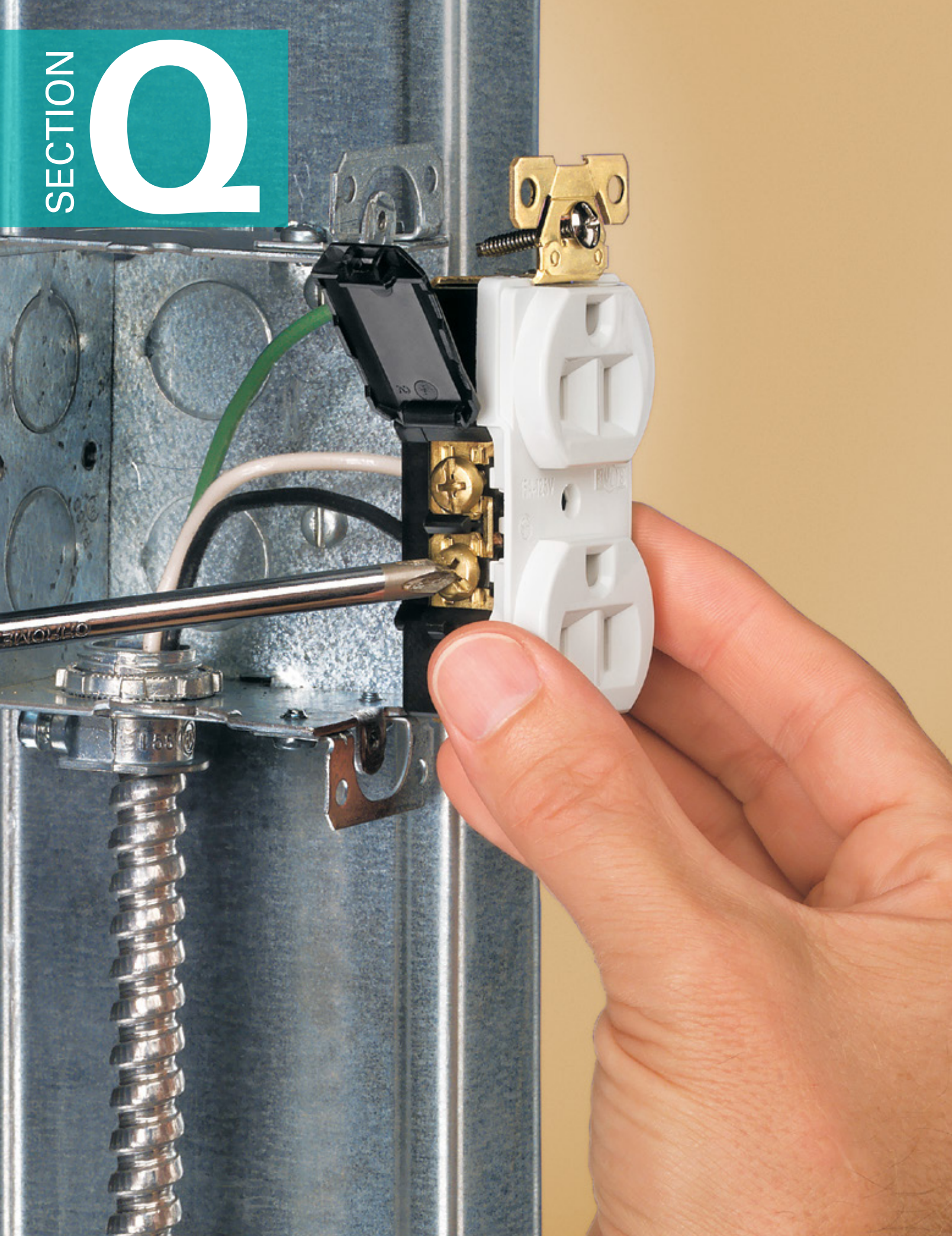
Color ordering information:

For ordering devices, include Catalog no. followed by the Color suffix: A (Almond), BK (Black), GY (Gray), LA (Light Almond), V (Ivory), W (White)

A	BK	GY	LA	V	W
(Almond)	(Black)	(Gray)	(Lt. Almond)	(Ivory)	(White)

Testing & code compliance: Listed to UL508 (UL244A for OSP10M), California Title 24 Energy Code compliant, RoHS Compliant
Material characteristics: Flammability meets UL94 requirements; V0 rated, Temperature Rating: 0°C to 40°C (32°F to 104°F)
Compliances, specifications and availability are subject to change without notice.

SECTION Q



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NEMA configurations for select devices

Poles, wires	Rating	NEMA prefix	15A Straight blade		20A Straight blade	
			Receptacle, connector & flanged outlet	Plug & flanged inlet	Receptacle, connector & flanged outlet	Plug & flanged inlet
2-pole, 2-wire	125V/AC	1	4882 ◇ 1-15R	4862 ◆ 1-15P		
2-pole, 3-wire grounding	125V/AC	5	AH5262C □MC AH5252 □ 6262 □D AHIG5262 □IM AH5269 ◇U 5261 △M 1547 ◇Y VGF15 □GM TRBR15 □R TRVGF15 □RGM 5262 □M AH8200 □M 8200 □HM 8210 △M IG8200 □IM TR8200 □RM VGFH15 □GM TRVGFH15 □RGM 5269N ◇NC 5279C ○ AH5969 ◇O WRVGF15 □ 60W47 △Y 60W47DPLX □W 15W47 ◇W 4887 ◇ BR15 □ CR15 □ IG5262 ◇O 5269NHG ◇N AH8219HG ◇U AH8119W ◇O 5-15R	5266N ◆NC 5278C ● AH5266 ◆U AH5965 ◆O 1447 ◆Y 14W47 ◆W 4867 ◆ 5266NHG ◆N AH8215HG ◆U AH8115W ◆O 5-15P	AH5362 □MC AH5352 □M 6362 □DM AHIG5362 □IM 1533 ◇Y 15W33 ◇W 5361 △M VGF20 □GM TRBR20 □R TRVGF20 □RGM 5362 □M AH8300 □M 8300 □M 8310 △M IG8300 □IM TR8300 □RM VGFH20 □GM TRVGFH20 □RGM 5369N ◇NC 5779C ○ AH5369 ◇U WRVGF20 □ 60W33 △W 60W33DPLX □W AH5369Y ◇O 4228 ◇ BR20 □ CR20 □ IG5362 ◇O 5369NHG ◇N AH8319HG ◇U 5-20R	5366N ◆NC 5778C ● AH5366 ◆U AH5364Y ◆O 1433 ◆Y 14W33 ◆W 4409 ◆ 5366NHG ◆N AH8315HG ◆U 5-20P
	250V/AC	6	AH5662 □M 5661 △ AHIG5662 □I 6662 □D 1549 ◇Y 15W49 ◇W 826 □ 816 △ 5662C □ AH8600 □M 5669N ◇N 5679C ○ AH5669 ◇U 60W49 △W 60W49DPLX □W AH5669Y ◇O 4227 ◇ 8610 △ 6-15R	5666N ◆N 5678C ● AH5666Y ◆O AH5666 ◆U 1449 ◆Y 14W49 ◆W 4866 ◆ AH8225HG ◆U 6-15P	AH5462 □M 5461 △ AHIG5462 □I 6462 □D 1548 ◇Y 15W48 ◇W 815 □ 5462C □ AH8400 □M IG8400 □I 5469N ◇N 5879C ○ AH5469 ◇L 60W48 △W 60W48DPLX □W AH5469Y ◇O 4229 ◇ 8410 △ 6-20R	5466N ◆N AH5464Y ◆O 5878C ● AH5466 ◆U 1448 ◆Y 14W48 ◆W 4509 ◆ AH8325HGA ◆AU 6-20P
	277V/AC	7	5302 □ 7-15R	7-15P	7-20R	7624N ◆L 7-20P
3-pole, 3-wire	125/250V/AC	10			805 △ 10-20R	9151N ◆L 2836 ◆ 10-20P
3-pole, 4-wire grounding	125/250V/AC	14			5759 △ 14-20R	14-20P
	3Ø 250V/AC	15				
4-pole, 4-wire	3ØY 120/208V/AC	18				7251N ◆L 18-20P

Straight blade legend: How to use the chart

Core catalog number color indicates a device's grade:

BLACK = Industrial specification grade
BLUE = Commercial specification grade
ORANGE = Construction specification grade
GREEN = Hospital specification grade

A suffix combining a **RED** shape and alpha letter indicate a device's body, type and available options.

Device body:

- □ Duplex receptacle
- △ Single receptacle
- ◆ Plug
- ◇ Connector
- ● Flanged inlet
- ○ Flanged outlet
- ◗ Hull inlet
- ➢ Mechanical interlock

Open shape has holes (receptacles, connectors, outlets)
Closed shape has blades (plugs, inlets)

Device type:

- **A** Angled
- **D** Decorator
- **G** GFCI
- **H** Compact
- **I** Isolated ground
- **L** Safety grip
- **N** Auto grip
- **O** Quick grip
- **R** Tamper resistant
- **S** Surface
- **U** Ultra grip

Device options available:

- **C** Corrosion resistant
- **M** ArrowLink modular
- **W** Watertight
- **Y** Severe duty insulated

Due to spatial constraints not all products are shown on this page. For additional product options in these configurations consult sections A, B, I, J & K.

NEMA configurations for select devices

Poles, wires	Rating	NEMA prefix	30A Straight blade		50A Straight blade		60A Straight blade	
			Receptacle, connector & flanged outlet	Plug & flanged inlet	Receptacle, connector & flanged outlet	Plug & flanged inlet	Receptacle, connector & flanged outlet	Plug & flanged inlet
2-pole, 2-wire	125V/AC	1						
2-pole, 3-wire grounding	125V/AC	5	6716N ◇N 1233 △ 5716N △ 5-30R	5717AN ◆AN 5717N ◆N 5717NFI ●N S41 ◆A 5-30P	6711N ◇N 1253 △ 5-50R	5712AN ◆AN 5712N ◆N 5712NFI ●N S41 ◆A 5-50P		
	250V/AC	6	6700N ◇N 5700N △ 1232 △S 1234 △ 6-30R	5701AN ◆AN 5701N ◆N 5701NFI ●N S42 ◆A 6-30P	6709N ◇N 5709N △ 1252 △S 1254 △ 6-50R	5710AN ◆AN 5710N ◆N 5710NFI ●N S42 ◆A 6-50P		
	277V/AC	7	6795N ◇N 5795N △ 7-30R	5703AN ◆AN 5703N ◆N 5703NFI ●N 7-30P	6796N ◇N 7-50R	5705AN ◆AN 5705N ◆N 5705NFI ●N 7-50P		
3-pole, 3-wire	125/250V/AC	10	9341N ◇N 38B △ 125 △S 10-30R	9352AN ◆AN 9337N ◆N 9337NFI ●N S80 ◆A 10-30P	4526N ◇N 7985N △ 32B △ 112 △S 122B △ 10-50R	4524N ◆N 4524NFI ●N 7952AN ◆AN S80 ◆A 10-50P		
3-pole, 4-wire grounding	125/250V/AC	14	5744N △ 1225 △S 1257 △ 14-30R	5732AN ◆AN 5746N ◆N S21 ◆A 14-30P	5754N △ 1212 △S 1258 △ 14-50R	5752AN ◆AN 5745N ◆N S21 ◆A 14-50P	9460N △ 14-60R	9462AN ◆AN 9462N ◆N S20 ◆AN 14-60P
	3Ø 250V/AC	15	8430N △ 15-30R	8432AN ◆AN 8432N ◆N 15-30P	8450N △ 15-50R	8452AN ◆AN 8452N ◆N 15-50P	8460N △ 15-60R	AH8462AN ◆AN AH8462N ◆N 15-60P
4-pole, 4-wire	3ØY 120/208V/AC	18	18-30R	8332AN ◆AN 8332N ◆N 18-30P	18-50R	8352AN ◆AN 8352N ◆N 18-50P	5515N △ 18-60R	4516AN ◆N 5517N ◆N S19 ◆A 18-60P

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- ◗ Hull inlet
- ➢ Mechanical interlock

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Device type:

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- **I** Isolated ground
- **L** Safety grip
- **N** Auto grip
- **O** Quick grip
- **R** Tamper resistant
- **S** Surface
- **U** Ultra grip

Device options available:

- **C** Corrosion resistant
- **M** ArrowLink modular
- **W** Watertight
- **Y** Severe duty insulated

Due to spatial constraints not all products are shown on this page. For additional product options in these configurations consult sections A, B, I, J & K.

NEMA configurations for select devices

Poles, wires	Rating	NEMA prefix	15A Locking		20A Locking	
			Receptacle, connector & flanged outlet	Plug & flanged inlet	Receptacle, connector & flanged outlet	Plug & flanged inlet
2-pole, 2-wire	125V/AC	ML1	7464N ◇ 7427N ◇ 7468 ○ ML1R	7465N ◆ 7466 ● 7428N ◆ 7467 ● 7479N ◆ 7429N ◆ ML1P		
	125V/AC	L1	CWL115FO ○ CWL115R △ 7506 ◇ 7540 □ L1-15R	CWL115FI ● 7546 ◆ 7548 ◆ L1-15P		
	250V/AC	L2	65W47 △**W** 65W47DPLX □**W**		CWL220C ◇**L** CWL220FO ○ CWL220R △ L2-20R	CWL220P ◆**L** CWL220P-6 ◆**ZL** L2-20P
2-pole, 3-wire grounding	125V/AC	ML2	7593 ◇ 7596 ○ 7596N ○ ML2R	7594 ◆ 7595 ● 7595N ● ML2P		
	125V/AC	L5	CWL515C ◇**L** CWL515CAN ◇**AL** CWL515FO ○ CWL515R △ IG4700 □**I** IGL515R △**I** 65W47 △**W** 65W47DPLX□**W** 25W47 ◇**W** 4731NCR ◇**CN** CR4700 □**C** 2547 ◇**Y** 4731N ◇**N** 4700 □ CR5792 □**C** **5792** □ L5-15R	CWL515FI ● CWL515P ◆**L** CWL515PAN ◆**AL** 24W47 ◆**W** 2447 ◆**Y** 4721N ◆**N** 4721NCR ◆**CN** L5-15P	AHL520C ◇**U** AHL520CBK ◇**U** AHL520FO ○ AHL520R △ IGL520R △**I** L520CW ◇**W** L520CY ◇**Y** L520RW △**W** CRL520C ◇**CL** CRL520R △**C** L5-20R	AHL520FI ● AHL520P ◆**U** CWL520PBK ◆**L** L520PW ◆**W** L520PY ◆**Y** CRL520P ◆**CL** L5-20P
	250V/AC	L6	CWL615C ◇**L** CWL615FO ○ CWL615R △ 65W49DPLX □**W** IGL615R △**I** 25W49 ◇**W** 2549 ◇**Y** 65W49 △**W** 6566N ◇**N** 6580 □ L6-15R	CWL615FI ● CWL615P ◆**L** 24W49 ◆**W** 2449 ◆**Y** 6565N ◆**N** L6-15P	AHL620C ◇**U** CRL620C ◇**CL** AHL620R △ AHL620FO ○ L620CW ◇**W** IGL620R △**I** L620RW △**W** L620CY ◇**Y** CRL620R △**C** L6-20R	AHL620FI ● AHL620P ◆**U** L620PW ◆**W** L620PY ◆**Y** CRL620P ◆**C** L6-20P
	277V/AC	L7	CWL715C ◇ CWL715FO ○ CWL715R △ 65W34DPLX □**W** 25W34 ◇**W** 4750 □ 65W34 △**W** 2534 ◇**Y** 4772N ◇**N** L7-15R	CWL715FI ● CWL715P ◆**L** 24W34 ◆**W** 2434 ◆**Y** 4771N ◆**N** L7-15P	AHL720C ◇**U** L720CY ◇**Y** AHL720FO ○ L720RW △**W** AHL720R △ IGL720R △**I** L720CW ◇**W** L7-20R	AHL720FI ● AHL720P ◆**U** L720PW ◆**W** L720PY ◆**Y** L7-20P
	480V/AC	L8			AHL820C ◇**U** AHL820FO ○ AHL820R △ IGL820R △**I** L820CW ◇**W** L820RW △**W** L820CY ◇**Y** L8-20R	AHL820FI ● AHL820P ◆**U** L820PW ◆**W** L820PY ◆**Y** L8-20P
	600V/AC	L9			CWL920C ◇ CWL920FO ○ CWL920R △ L9-20R	CWL920FI ● CWL920P ◆ L9-20P
3-pole, 3-wire	125/250V/AC	ML3	7484 ◇ 7487 ○ 7487N ○ ML3R	7485 ◆ 7486 ● 7486N ● ML3P		
	125/250V/AC	L10			AHL1020C ◇**U** L1020RW △**W** AHL1020R △ L1020CW ◇**W** L1020CY ◇**Y** AHL1020FO ○ L10-20R	AHL1020FI ● AHL1020P ◆**U** L1020PW ◆**W** L1020PY ◆**Y** L10-20P
	3Ø 250V/AC	L11			AHL1120C ◇**U** AHL1120FO ○ AHL1120R △ L1120CW ◇**W** L1120CY ◇**Y** L1120RW △**W** L11-20R	AHL1120FI ● AHL1120P ◆**U** L1120PW ◆**W** L1120PY ◆**Y** L11-20P
	3Ø 480V/AC	L12			CWL1220C ◇ CWL1220FO ○ CWL1220R △ L12-20R	CWL1220FI ● CWL1220P ◆ L12-20P
	3Ø 600V/AC	L13				

Locking device legend: How to use the chart

Core catalog number color indicates a device's grade:

BLACK = Industrial specification grade

A suffix combining a **RED** shape and alpha letter indicate a device's body, type and available options.

Device body:

- □ Duplex receptacle
- ◆ Plug
- ◇ Connector
- △ Single receptacle
- ● Flanged inlet
- ○ Flanged outlet

Open shape has holes (receptacles, connectors, outlets)
Closed shape has blades (plugs, inlets)

Device type:

- **A** Angled
- **C** Corrosion resistant
- **I** Isolated ground
- **L** Safety grip
- **N** Auto grip
- **P** Pro grip
- **U** Ultra grip
- **W** Watertight
- **Y** Severe duty insulated
- **Z** With lid or cover

NEMA configurations for select devices

Poles, wires	Rating	NEMA prefix	30A Locking	
			Receptacle, connector, & flanged outlet	Plug & flanged inlet
2-pole, 2-wire	125V/AC	ML1		
	125V/AC	L1		
	250V/AC	L2		
2-pole, 3-wire grounding	125V/AC	ML2		
	125V/AC	L5	AHL530FO ○ AHL530R △ L530CW ◇**W** L530RW △**W** CRL530C ◇**CL** CRL530R △**C** AHL530C ◇**U** IGL530R △**I** L530CY ◇**Y** L5-30R	AHL530FI ● AHL530P ◆**U** IGL530P ◆**IL** L530PW ◆**W** L530PY ◆**Y** CRL530P ◆**CL** L5-30P
	250V/AC	L6	AHL630C ◇**U** AHL630R △**C** L630CW ◇**W** L630RW △**W** CRL630C ◇**CL** CRL630R △**C** AHL630FO ○ IGL630R △**I** L630CY ◇**Y** L6-30R	AHL630FI ● AHL630P ◆**U** L630PW ◆**W** L630PY ◆**Y** CRL630P ◆**CL** L6-30P
	277V/AC	L7	AHL730C ◇**U** AHL730R △ L730CW ◇**W** L730CY ◇**Y** L730RW △**W** AHL730FO ○ IGL730R △**I** L7-30R	AHL730FI ● AHL730P ◆**U** L730PW ◆**W** L730PY ◆**Y** L7-30P
	480V/AC	L8	AHL830C ◇**U** AHL830R △ L830CW ◇**W** L830CY ◇**Y** L830RW △**W** AHL830FO ○ IGL830R △**I** L8-30R	AHL830FI ● AHL830P ◆**U** L830PW ◆**W** L830PY ◆**Y** L8-30P
	600V/AC	L9	CWL930C ◇ CWL930FO ○ CWL930R △ L9-30R	CWL930FI ● CWL930P ◆ L9-30P
3-pole, 3-wire	125/250V/AC	ML3		
	125/250V/AC	L10	AHL1030C ◇**U** AHL1030R △ L1030CW ◇**W** L1030CY ◇**Y** L1030RW △**W** AHL1030FO ○ L10-30R	AHL1030FI ● AHL1030P ◆**U** L1030PW ◆**W** L1030PY ◆**Y** L10-30P
	3Ø 250V/AC	L11	AHL1130C ◇**U** AHL1130R △ L1130CW ◇**W** L1130CY ◇**Y** L1130RW △**W** AHL1130FO ○ L11-30R	AHL1130FI ● AHL1130P ◆**U** L1130PW ◆**W** L1130PY ◆**Y** L11-30P
	3Ø 480V/AC	L12	CWL1230C ◇ CWL1230FO ○ CWL1230R △ L12-30R	CWL1230FI ● CWL1230P ◆ L12-30P
	3Ø 600V/AC	L13	CWL1330C ◇ CWL1330FO ○ CWL1330R △ L13-30R	CWL1330FI ● CWL1330P ◆ L13-30P

For NEMA configurations L14 through L23, see page Q-6

Locking device legend: How to use the chart

Core catalog number color indicates a device's grade:

BLACK = Industrial specification grade

A suffix combining a **RED** shape and alpha letter indicate a device's body, type and available options.

Device body:

- □ Duplex receptacle
- ◆ Plug
- ◇ Connector
- △ Single receptacle
- ● Flanged inlet
- ○ Flanged outlet

Open shape has holes (receptacles, connectors, outlets)
Closed shape has blades (plugs, inlets)

Device type:

- **A** Angled
- **C** Corrosion resistant
- **I** Isolated ground
- **L** Safety grip
- **N** Auto grip
- **P** Pro grip
- **U** Ultra grip
- **W** Watertight
- **Y** Severe duty insulated
- **Z** With lid or cover

NEMA configurations for select devices

Poles, wires	Rating	NEMA prefix	20A Locking		30A Locking	
			Receptacle, connector & flanged outlet	Plug & flanged inlet	Receptacle, connector, & flanged outlet	Plug & flanged inlet
3-pole, 4-wire grounding	125/250V/AC	L14	AHL1420C ◇U AHL1420FO ○ IGL1420R △I L1420CW ◇W CRL1420C ◇CL CRL1420R △C 6406BK ○ AHL1420CBK ◇U AHL1420R △ L1420CY ◇Y L1420RW △W L14-20R	AHL1420FI ● AHL1420P ◆U AHL1420PBK ◆U L1420PW ◆W L1420PY ◆Y CRL1420P ◆CL 6405BK ● L14-20P	AHL1430C ◇U AHL1430R △ L1430CW ◇W L1430CY ◇Y L1430RW △W CRL1430C ◇CL CRL1430R △C AHL1430FO ○ IGL1430R △I L14-30R	AHL1430FI ● AHL1430P ◆U L1430PW ◆W L1430PY ◆Y CRL1430P ◆CL 6512BK ◆ L14-30P
	3Ø 250V/AC	L15	AHL1520C ◇U AHL1520R △ L1520CW ◇W L1520RW △W CRL1520C ◇CL CRL1520R △C CWL1520FO ○ IGL1520R △I L1520CY ◇Y L15-20R	AHL1520FI ● AHL1520P ◆U L1520PW ◆W L1520PY ◆Y CRL1520P ◆CL L15-20P	AHL1530C ◇U AHL1530R △ L1530CW ◇W L1530CY ◇Y L1530RW △W CRL1530C ◇CL AHL1530FO ○ IGL1530R △I L15-30R	AHL1530FI ● AHL1530P ◆U L1530PW ◆W L1530PY ◆Y CRL1530P ◆CL L15-30P
	3Ø 480V/AC	L16	AHL1620C ◇U AHL1620FO ○ IGL1620R △I L1620CW ◇W L1620CY ◇Y L1620RW △W CRL1620C ◇CL AHL1620CBK ◇U AHL1620R △ L16-20R	AHL1620P ◆U AHL1620PBK ◆U L1620PW ◆W L1620PY ◆Y CRL1620P ◆CL AHL1620FI ● L16-20P	AHL1630C ◇U AHL1630FO ○ AHL1630R △ L1630CW ◇W L1630CY ◇Y L1630RW △W L16-30R	AHL1630FI ● AHL1630P ◆U L1630PW ◆W L1630PY ◆Y CRL1630P ◆CL L16-30P
	3Ø 600V/AC	L17			AHL1730C ◇U AHL1730R △ L1730CW ◇W L1730CY ◇Y L1730RW △W AHL1730FO ○ L17-30R	AHL1730FI ● AHL1730P ◆U L1730PW ◆W L1730CY ◆Y L17-30P
4-pole, 4-wire	3ØY 120/208V/AC	L18	AHL1820C ◇U AHL1820R △ L1820CW ◇W L1820CY ◇Y L1820RW △W AHL1820FO ○ L18-20R	AHL1820FI ● AHL1820P ◆U L1820PW ◆W L1820PY ◆Y L18-20P	AHL1830C ◇U AHL1830R △ L1830CW ◇W L1830CY ◇Y L1830RW △W AHL1830FO ○ L18-30R	AHL1830FI ● AHL1830P ◆U L1830PW ◆W L1830PY ◆Y L18-30P
	3ØY 277/480V/AC	L19	AHL1920C ◇U AHL1920R △ L1920CW ◇W L1920CY ◇W L1920RW △W AHL1920FO ○ L19-20R	AHL1920FI ● AHL1920P ◆U L1920PW ◆W L1920PY ◆Y L19-20P	AHL1930C ◇U AHL1930R △ L1930CW ◇W L1930CY ◇Y L1930RW △W AHL1930FO ○ L19-30R	AHL1930FI ● AHL1930P ◆U L1930PW ◆W L1930PY ◆Y L19-30P
	3ØY 347/600V/AC	L20	AHL2020C ◇U AHL2020R △ L2020CW ◇W L2020CY ◇Y L2020RW △W AHL2020FO ○ L20-20R	AHL2020FI ● AHL2020P ◆U L2020PW ◆W L2020PY ◆Y L20-20P	AHL2030C ◇U AHL2030R △ L2030CW ◇W L2030CY ◇Y L2030RW △W AHL2030FO ○ L20-30R	AHL2030FI ● AHL2030P ◆U L2030PW ◆W L2030PY ◆Y L20-30P
4-pole, 5-wire grounding	3ØY 120/208V/AC	L21	AHL2120C ◇U AHL2120FO ○ IGL2120R △I L2120CW ◇W L2120CY ◇Y L2120RW △W AHL2120CBK ◇U AHL2120R △ L2120CF ◇L L21-20R	AHL2120FI ● AHL2120P ◆U AHL2120PBK ◆U L2120PW ◆W L2120PY ◆Y L2120PF ◆L L21-20P	AHL2130C ◇U AHL2130R △ L2130CW ◇W L2130CY ◇W L2130RW △W L2130CF ◇L AHL2130FO ○ IGL2130R △I L21-30R	AHL2130FI ● AHL2130P ◆U L2130PW ◆W L2130PY ◆Y L2130PF ◆L L21-30P
	3ØY 277/480V/AC	L22	AHL2220C ◇U AHL2220R △ IGL220R △I L2220CW ◇W L2220CY ◇Y L2220RW △W AHL2220FO ○ L22-20R	AHL2220FI ● AHL2220P ◆U L2220PW ◆W L2220PY ◆Y L22-20P	AHL2230C ◇U AHL2230R △ IGL2230R △I L2230CW ◇W L2230CY ◇Y L2230RW △W AHL2230FO ○ L22230CF ◇L L22-30R	AHL2230FI ● AHL2230P ◆U L2230PW ◆W L2230PY ◆Y L2230PF ◆L L22-30P
	347/600V/AC	L23	AHL2320C ◇U AHL2320R △ IGL2320R △I L2320CW ◇W L2320CY ◇Y L2320RW △W AHL2320FO ○ L23-20R	AHL2320FI ● AHL2320P ◆U L2320PW ◆W L2320PY ◆Y L23-20P	AHL2330C ◇U AHL2330R △ IGL2330R △I L2330CW ◇W L2330CY ◇Y L2330RW △W AHL2330FO ○ L23-30R	AHL2330FI ● AHL2330P ◆U L2330PW ◆W L2330PY ◆Y L23-30P

Locking device legend: How to use the chart

Core catalog number color indicates a device's grade:

BLACK = Industrial specification grade

A suffix combining a **RED** shape and alpha letter indicate a device's body, type and available options.

Device body:

- □ Duplex receptacle
- △ Single receptacle
- ◆ Plug
- ◇ Connector
- ● Flanged inlet
- ○ Flanged outlet
- ◗ Hull inlet
- ➢ Mechanical interlock

Open shape has holes (receptacles, connectors, outlets)
Closed shape has blades (plugs, inlets)

Device type:

- **A** Angled
- **C** Corrosion resistant
- **I** Isolated ground
- **L** Safety grip
- **N** Auto grip
- **U** Ultra grip
- **W** Watertight
- **Y** Severe duty insulated

NEMA configurations for select devices

10A - 30A Non-NEMA locking

Poles, wires	Rating	Receptacle, connector, & flanged outlet	Plug & flanged inlet
3-pole, 3-wire	10/15A 125/250V/AC	4755 ◇L 7565N ◇N 7580 □ 7582 △ Receptacle Non-NEMA	4767 ◆L 4767AN ◆AL 7567N ◆N Plug Non-NEMA
	20A 125/250V/AC	7310B △ 7314C ◇L 7314CW ◇W 7314CY ◇Y 7314RW △W 7328N ○ Receptacle Non-NEMA	7327N ● 9965C ◆L 9965PW ◆W 9965PY ◆Y Plug Non-NEMA
	30A 125/250V/AC	3330-2 △ 3333CW ◇W 3333CY ◇Y 3333RW △W AH3333N ◇U 3336N ○ Receptacle Non-NEMA	AH3331N ◆U 3331PW ◆W 3331PY ◆Y 3337N ● Plug Non-NEMA
4-pole, 4-wire	20A 3Ø 120/208V/AC	7409N ○ 7410B △ 7413C ◇L 7413CW ◇W 7413CY ◇Y 7413RW △W Receptacle Non-NEMA	7408N ● 7411C ◆L 7411PW ◆W 7411PY ◆Y Plug Non-NEMA
	30A 3Ø 120/208V/AC	3430 △ 3433CW ◇W 3433CY ◇Y AH3433N ◇U 3433RW △W 3436N ○ Receptacle Non-NEMA	AH3431N ◆U 3431PW ◆W 3431PY ◆Y 3434N ● Plug Non-NEMA
4-P, 5-W grounding	20/10A 250/600V/AC	AH3523BK ◇U 3525BK ○ Receptacle Non-NEMA	AH3521BK ◆U 3524BK ● Plug Non-NEMA

50A Non-NEMA locking

Poles, wires	Rating	Receptacle & connector	Plug, flanged inlets & hull inlet
2-pole, 3-wire grounding	125V/AC Marine corrosion resistant	63CR60EX ◇P 63CR60 ◇T 63CR70 △ Receptacle Non-NEMA	63CR61EX ◆P 63CR61 ◆T Plug Non-NEMA
	125V/AC California standard	CS6360EX ◇P CS6360 ◇T CS6370 △ Receptacle Non-NEMA	CS6361EX ◆P CS6361 ◆T CS6377 ● CS6378 ●Z Plug Non-NEMA
	250V/AC California standard	CS8264EX ◇P CS8264 ◇T CS8269 △ Recptacle Non-NEMA	CS8265EX ◆P CS8265 ◆T CS8275 ● CS8277 ●Z Plug Non-NEMA
	250V/DC 600V/AC	3762EX ◇P 3762 ◇T 3771 △ Receptacle Non-NEMA	3763EX ◆P 3763 ◆T 3777 ● 3767 ●Z Plug Non-NEMA
	480V/AC California standard	CS8464EX ◇P CS8464 ◇T CS8469 △ Receptacle Non-NEMA	CS8465EX ◆P CS8465 ◆T CS8475 ● CS8477 ●Z Plug Non-NEMA
3-pole, 4-wire grounding	125/250V/AC Marine corrosion resistant	63CR64EX ◇P 63CR64 ◇T 63CR69 △ Receptacle Non-NEMA	63CR65EX ◆P 63CR65 ◆T Plug Non-NEMA
	125/250V/AC California standard	CS6364EX ◇P CS6364 ◇T CS6369 △ Receptacle Non-NEMA	CS6365EX ◆P CS6365 ◆T CS6375 ● CS6376 ●Z Plug Non-NEMA
	3Ø 250V/AC California standard	CS8364EX ◇P CS8364 ◇T CS8369 △ Receptacle Non-NEMA	CS8365EX ◆P CS8365 ◆T CS8375 ● CS8377 ●Z Plug Non-NEMA
	250V/DC 600V/AC	3764EX ◇P 3764 ◇T 3769 △ Receptacle Non-NEMA	3765EX ◆P 3765 ◆T 3775 ● 3768 ●Z Plug Non-NEMA
	250V/DC 600V/AC	7764EX ◇P 7764 ◇T 7379 △ Receptacle Non-NEMA	7765EX ◆P 7765 ◆T 7958 ● 7968 ●Z Plug Non-NEMA
	3Ø 480V/AC California standard	CS8164EX ◇P CS8164 ◇T CS8169 △ Receptacle Non-NEMA	CS8165EX ◆P CS8165 ◆T CS8175 ● CS8177 ●Z Plug Non-NEMA

Locking device legend: How to use the chart

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A suffix combining a **RED** shape and alpha letter indicate a device's body, type and available options.

Device body:

- □ Duplex receptacle
- △ Single receptacle
- ◆ Plug
- ◇ Connector
- ● Flanged inlet
- ○ Flanged outlet
- ◗ Hull inlet
- ➢ Mechanical interlock

Open shape has holes (receptacles, connectors, outlets)
Closed shape has blades (plugs, inlets)

Device type:

- **A** Angled
- **C** Corrosion resistant
- **L** Safety grip
- **N** Auto grip
- **P** Pro grip
- **T** Armored body
- **U** Ultra grip
- **W** Watertight
- **Y** Severe duty insulated
- **Z** With lid or cover

Pin & sleeve and mechanical interlock configurations

North American Standard Amp Rating

Poles, wires	Rating	20A watertight pin & sleeve		30A watertight pin & sleeve	
		Receptacle, connector & mechanical interlocks	Plug & inlet	Receptacle, connector & mechanical interlocks	Plug & inlet
2-pole, 3-wire grounding	125V	CD320HMI4W ➢QX AH320R4W △ AH320C4W ◇	AH320P4W ◆ AH320B4W ●	CD330MI4W ➢Q AH330R4W △ AH330C4W ◇	AH330P4W ◆ AH330B4W ●
	250V	CD320HMI6W ➢QX AH320R6W △ AH320C6W ◇	AH320P6W ◆ AH320B6W ●	CD330MI6W ➢Q CD330MIF6W ➢E AH330R6W △ AH330C6W ◇	AH330P6W ◆ AH330B6W ●
	480V/AC	CD320HMI7W ➢QX AH320R7W △ AH320C7W ◇	AH320P7W ◆ AH320B7W ●	CD330MI7W ➢Q AH330R7W △ AH330C7W ◇	AH330P7W ◆ AH330B7W ●
3-pole, 4-wire grounding	125/250V/AC	CD420HMI12W ➢QX CD420MIB12W ➢F CD420MICB12W ➢B CD420MIF12W ➢E AH420R12W △ AH420C12W ◇	AH420P12W ◆ AH420B12W ●	CD430MI12W ➢Q CD430MIB12W ➢F CD430MICB12W ➢B CD430MIF12W ➢E AH430R12W △ AH430C12W ◇	AH430P12W ◆ AH430B12W ●
	3Ø 250V/AC	CD420HMI9W ➢QX CD420MIB9W ➢F CD420MICB9W ➢B CD420MIF9W ➢E AH420R9W △ AH420C9W ◇	AH420P9W ◆ AH420B9W ●	CD430MI9W ➢Q CD430MIB9W ➢F CD430MICB9W ➢B CD430MIF9W ➢E AH430R9W △ AH430C9W ◇	AH430P9W ◆ AH430B9W ●
	3Ø 480V/AC	CD420HMI7W ➢QX CD420MIB7W ➢F CD420MICB7W ➢B CD420MIF7W ➢E AH420R7W △ AH420C7W ◇	AH420P7W ◆ AH420B7W ●	CD430MI7W ➢Q CD430MIB7W ➢F CD430MICB7W ➢B CD430MIF7W ➢E AH430R7W △ AH430C7W ◇	AH430P7W ◆ AH430B7W ●
	3Ø 600V/AC	CD420HMI5W ➢QX AH420R5W △ AH420C5W ◇	AH420P5W ◆ AH420B5W ●	CD430MI5W ➢Q CD430MIF5W ➢E AH430R5W △ AH430C5W ◇	AH430P5W ◆ AH430B5W ●
4-pole, 5-wire grounding	3ØY 120/208V/AC	CD520HMI9W ➢QX AH520R9W △ AH520C9W ◇	AH520P9W ◆ AH520B9W ●	CD530MI9W ➢Q CD530MIB9W ➢F CD530MICB9W ➢B AH530R9W △ AH530C9W ◇	AH530P9W ◆ AH530B9W ●
	3ØY 277/480V/AC	AH520R7W △ AH520C7W ◇	AH520P7W ◆ AH520B7W ●	CD530MI7W ➢Q CD530MIB7W ➢F CD530MICB7W ➢B AH530R7W △ AH530C7W ◇	AH530P7W ◆ AH530B7W ●
	3ØY 347/600V/AC	AH520R5W △ AH520C5W ◇	AH520P5W ◆ AH520B5W ●	CD530MI5W ➢Q CD530MIB5W ➢F CD530MICB5W ➢B AH530R5W △ AH530C5W ◇	AH530P5W ◆ AH530B5W ●

Locking device legend: How to use the chart

Core catalog number color indicates a device's grade:

BLACK = Industrial specification grade

A suffix combining a **RED** shape and alpha letter indicate a device's body, type and available options.

Device body:

- △ Single receptacle
- ◆ Plug
- ◇ Connector
- ● Flanged inlet
- ➢ Mechanical interlock

Open shape has holes (receptacles, connectors, outlets)
Closed shape has blades (plugs, inlets)

Device type:

- **B** Circuit breaker option
- **E** Fusible
- **F** Fuse option
- **Q** Non-fusible
- **X** Horizontal

Pin & sleeve and mechanical interlock configurations

North American Standard Amp Rating

Poles, wires	Rating	60A watertight pin & sleeve		100A watertight pin & sleeve	
		Receptacle, connector & mechanical interlocks	Plug & inlet	Receptacle, connector & mechanical interlocks	Plug & inlet
2-pole, 3-wire grounding	125V	AH360R4W △ AH360C4W ◇	AH360P4W ◆ AH360B4W ●	CD3100MI4W ➢Q AH3100R4W △ AH3100C4W ◇	AH3100P4W ◆ AH3100B4W ●
	250V	CD360MI6W ➢Q CD360MIF6W ➢E AH360R6W △ AH360C6W ◇	AH360P6W ◆ AH360B6W ●	CD3100MI6W ➢Q AH3100R6W △ AH3100C6W ◇	AH3100P6W ◆ AH3100B6W ●
	480V/AC	CD360MI7W ➢Q AH360R7W △ AH360C7W ◇	AH360P7W ◆ AH360B7W ●	CD3100MI7W ➢Q AH3100R7W △ AH3100C7W ◇	AH3100P7W ◆ AH3100B7W ●
3-pole, 4-wire grounding	125/250V/AC	CD460MI12W ➢Q CD460MIB12W ➢F CD460MICB12W ➢B CD460MIF12W ➢E AH460R12W △ AH460C12W ◇	AH460P12W ◆ AH460B12W ●	CD4100MI12W ➢Q AH4100R12W △ AH4100C12W ◇ AH4100R12W-15 △A	AH4100P12W ◆ AH4100B12W ●
	3Ø 250V/AC	CD460MI9W ➢Q CD460MIB9W ➢F CD460MICB9W ➢B CD460MIF9W ➢E AH460R9W △ AH460C9W ◇	AH460P9W ◆ AH460B9W ●	CD4100MI9W ➢Q AH4100R9W △ AH4100C9W ◇	AH4100P9W ◆ AH4100B9W ●
	3Ø 480V/AC	CD460MI7W ➢Q CD460MIB7W ➢F CD460MICB7W ➢B CD460MIF7W ➢E AH460R7W △ AH460C7W ◇	AH460P7W ◆ AH460B7W ●	CD4100MI7W ➢Q AH4100R7W △ AH4100C7W ◇ AH4100R7W-15 △A	AH4100P7W ◆ AH4100B7W ●
	3Ø 600V/AC	CD460MI5W ➢Q CD460MIB5W ➢F CD460MICB5W ➢B CD460MIF5W ➢E AH460R5W △ AH460C5W ◇	AH460P5W ◆ AH460B5W ●	CD4100MI5W ➢Q AH4100R5W △ AH4100C5W ◇	AH4100P5W ◆ AH4100B5W ●
4-pole, 5-wire grounding	3ØY 120/208V/AC	CD560MI9W ➢Q CD560MIB9W ➢F CD560MICB9W ➢B CD560MIF9W ➢E AH560R9W △ AH560C9W ◇ AH560R9W-15 △A	AH560P9W ◆ AH560B9W ●	CD5100MI9W ➢Q AH5100R9W △ AH5100C9W ◇ AH5100R9W-15 △A	AH5100P9W ◆ AH5100B9W ●
	3ØY 277/480V/AC	CD560MI7W ➢Q CD560MIB7W ➢F CD560MICB7W ➢B CD560MIF7W ➢E AH560R7W △ AH560C7W ◇	AH560P7W ◆ AH560B7W ●	CD5100MI7W ➢Q AH5100R7W △ AH5100C7W ◇ AH5100R7W-15 △A	AH5100P7W ◆ AH5100B7W ●
	3ØY 347/600V/AC	CD560MI5W ➢Q CD560MIF5W ➢E AH560R5W △ AH560C5W ◇	AH560P5W ◆ AH560B5W ●	CD5100MI5W ➢Q AH5100R5W △ AH5100C5W ◇	AH5100P5W ◆ AH5100B5W ●

Locking device legend: How to use the chart

Core catalog number color indicates a device's grade:

BLACK = Industrial specification grade

A suffix combining a **RED** shape and alpha letter indicate a device's body, type and available options.

Device body:

△ Single receptacle
◆ Plug
◇ Connector
● Flanged inlet
➢ Mechanical interlock

Open shape has holes (receptacles, connectors, outlets)
Closed shape has blades (plugs, inlets)

Device type:

A Angled
B Circuit breaker option
E Fusible
F Fuse option
Q Non-fusible
X Horizontal

Pin & sleeve configurations

International Standard Amp Rating

Poles, wires	Rating	16A watertight pin & sleeve		32A watertight pin & sleeve	
		Receptacle & connector	Plug & inlet	Receptacle & connector	Plug & inlet
2-pole, 3-wire grounding	110-130V	AH316R4W △ AH316C4W ◇	AH316P4W ◆ AH316B4W ●	AH332R4W △ AH332C4W ◇	AH332P4W ◆ AH332B4W ●
	220-240V	AH316R6W △ AH316C6W ◇	AH316P6W ◆ AH316B6W ●	AH332R6W △ AH332C6W ◇	AH332P6W ◆ AH332B6W ●
3-pole, 4-wire grounding	380/50 440/60			AH332R3W △ AH332C3W ◇	AH332P3W ◆ AH332B3W ●
	380-415V	AH416R6W △ AH416C6W ◇	AH416P6W ◆ AH416B6W ●	AH432R6W △ AH432C6W ◇	AH432P6W ◆ AH432B6W ●
4-pole, 5-wire grounding	220/380 240/415	AH516R6W △ AH516C6W ◇	AH516P6W ◆ AH516B6W ●	AH532R6W △ AH532C6W ◇	AH532P6W ◆ AH532B6W ●

Locking device legend: How to use the chart

Core catalog number color indicates a device's grade: **BLACK** = Industrial specification grade

Device body:

△ Single receptacle ◆ Plug ◇ Connector ● Flanged inlet

Open shape has holes (receptacles, connectors, outlets)
Closed shape has blades (plugs, inlets)

Pin & sleeve configurations

International Standard Amp Rating

Poles, wires	Rating	63A watertight pin & sleeve		125A watertight pin & sleeve	
		Receptacle & connector	Plug & inlet	Receptacle & connector	Plug & inlet
2-pole, 3-wire grounding	220-240V	AH363R6W △ AH363C6W ◇	AH363P6W ◆ AH363B6W ●	AH3125R6W △ AH3125C6W ◇	AH3125P6W ◆ AH3125B6W ●
3-pole, 4-wire grounding	380-415V	AH463R6W △ AH463C6W ◇	AH463P6W ◆ AH463B6W ●	AH4125R6W △ AH4125C6W ◇	AH4125P6W ◆ AH4125B6W ●
4-pole, 5-wire grounding	220/380 240/415	AH563R6W △ AH563C6W ◇	AH563P6W ◆ AH563B6W ●	AH5125R6W △ AH5125C6W ◇	AH5125P6W ◆ AH5125B6W ●

Locking device legend: How to use the chart

Core catalog number color indicates a device's grade:

BLACK = Industrial specification grade

Device body:

△ Single receptacle ◆ Plug ◇ Connector ● Flanged inlet

Open shape has holes (receptacles, connectors, outlets)
Closed shape has blades (plugs, inlets)

Horsepower ratings

NEMA configurations (plugs & receptacles only)

Straight blade configurations

NEMA	AC HP rating	Rating
1-15	0.5	15A-125V
2-15	1.5*	15A-250V
2-20	2*	20A-250V
2-30	2*	30A-250V
5-15	0.5	15A-125V
5-20	1	20A-125V
5-30	2	30A-125V
5-50	2	50A-125V
6-15	1.5*	15A-250V
6-20	2*	20A-250V
6-30	2*	30A-250V
6-50	3*	50A-250V
7-15	2	15A-277V/AC only
7-20	2	20A-277V/AC only
7-30	3	30A-277V/AC only
7-50	5	50A-277V/AC only
10-20	2L-L*/1 L-N	20A-125/250V
10-30	2 L-L*/2 L-N	30A-125/250V
10-50	3 L-L*/2 L-N	50A-125/250V
11-15	2	15A-3Ø 250V
11-20	3	20A-3Ø 250V
11-30	3	30A-3Ø 250V
11-50	7.5	50A-3Ø 250V
14-15	1.5 L-L*/0.5 L-N	15A-125/250V
14-20	2 L-L*/1 L-N	20A-125/250V
14-30	2 L-L*/2 L-N	30A-125/250V
14-50	3 L-L*/2 L-N	50A-125/250V
14-60	3 L-L*/2 L-N	60A-125/250V
15-15	2	15A-3Ø 250V
15-20	3	20A-3Ø 250V
15-30	3	30A-3Ø 250V
15-50	7.5	50A-3Ø 250V
15-60	10	60A-3Ø 250V
18-15	2	15A-3ØY 120/208V
18-20	2	20A-3ØY 120/208V
18-30	3	30A-3ØY 120/208V
18-50	7.5	50A-3ØY 120/208V
18-60	7.5	60A-3ØY 120/208V

L-L denotes phase-to-phase HP rating
L-N denotes phase-to-neutral HP rating
*Suitable for 208V motor applications at HP rating

Locking configurations

NEMA	AC HP rating	Rating
L1-15	0.5	15A-125V
L2-20	2*	20A-250V
L5-15	0.5	15A-125V
L5-20	1	20A-125V
L5-30	2	30A-125V
L6-15	1.5*	15A-250V
L6-20	2*	20A-250V
L6-30	2*	30A-250V
L7-15	2	15A-277V/AC only
L7-20	2	20A-277V/AC only
L7-30	3	30A-277V/AC only
L8-20	3	20A-480V/AC only
L8-30	5	30A-480V/AC only
L9-20	NA	20A-600V/AC only
L9-30	NA	30A-600V/AC only
L10-20	2 L-L*/1 L-N	20A-125/250V
L10-30	2 L-L*/2 L-N	30A-125/250V
L11-15	2	15A-3Ø 250V
L11-20	3	20A-3Ø 250V
L11-30	3	30A-3Ø 250V
L12-20	5	20A-3Ø 480V
L12-30	10	30A-3Ø 480V
L13-30	NA	30A-3Ø 600V
L14-20	2L-L*/1 L-N	20A-125/250V
L14-30	2 L-L*/2 L-N	30A-125/250V
L15-20	3	20A-3Ø 250V
L15-30	3	30A-3Ø 250V
L16-20	5	20A-3Ø 480V
L16-30	10	30A-3Ø 480V
L17-30	NA	30A-3Ø 600V
L18-20	2	20A-3ØY 120/208V
L18-30	3	30A-3ØY 120/208V
L19-20	5	20A-3ØY 277/480V
L19-30	10	30A-3ØY 277/480
L20-20	NA	20A-3ØY 347/600V
L20-30	NA	30A-3ØY 347/600V
L21-20	2	20A-3ØY 120/208V
L21-30	3	30A-3ØY 120/208V
L22-20	5	20A-3ØY 277/480V
L22-30	10	30A-3ØY 277/480V
L23-20	NA	20A-3ØY 347/600V
L23-30	NA	30A-3ØY 347/600V

L-L denotes phase-to-phase HP rating
L-N denotes phase-to-neutral HP rating
*Suitable for 208V motor applications at HP rating

Compliances, specifications and availability are subject to change without notice.

Common Industry Information

Organization abbreviations glossary

Common abbreviations for organizations often referred to in the electrical industry, and also noted throughout the Arrow Hart catalog

ANSI
American National Standards Institute, Inc.

ANSI is a private, non-profit organization that administers and coordinates the U.S. voluntary standardization and conformity assessment system. The Institute's mission is to enhance both the global competitiveness of U.S. business and the U.S. quality of life by promoting and facilitating voluntary consensus standards and conformity assessment systems, and safeguarding their integrity.

CSA
Canadian Standards Association

The Canadian Standards Association is a not-for-profit, membership-based association that conducts product safety testing, and issues certifications.

GSA
General Services Administration Federal Supply Service

GSA's Federal Supply Service provides federal customers with a specific list of manufacturer's products that have been approved to meet stated requirements. The most frequently cited Federal Specifications regarding electrical wiring devices are those for Electrical Power Connector, Plug, Receptacle and Cable Outlet (Fed. Spec. W-C 596) and for Toggle and Lock, Flush Mounted Switches (Fed. Spec. W-S 896).

NEC®
National Electrical Code®

Published by the NFPA (see listing) as NFPA 70, the National Electrical Code. This publication, renewed every 3 years under the auspices of ANSI, provides for the adequate protection of life and property from dangers associated with the use of electricity. It is now adopted and enforced in all 50 states in the United States, and is also the basis for electrical codes in several other countries.

NEMA
National Electrical Manufacturers Association

Comprised of electrical manufacturers, NEMA provides a forum for the standardization and testing of electrical equipment, enabling consumers to select from a range of safe, effective, and compatible electrical products. NEMA-standards of testing is frequently required by both government and third-party endorsees such as UL and CSA prior to their approval.

NFPA
National Fire Protection Association

The mission of the international non-profit NFPA is to reduce the worldwide burden of fire and other hazards on the quality of life by providing and advocating scientifically based consensus codes and standards, research, training and education. The NFPA authors the NEC® and NPPA 70E electrical safety in the workplace.

NOM
Normas Oficiales de México (Official Mexican Standards)

The Official Mexican Standards (referred to as Normas or NOMs) augment the Mexican Hazardous Materials Land Transportation Regulation and provide information relative to importing and exporting hazardous materials from and to Mexico.

OSHA
Occupational Health and Safety Administration, U.S. Department of Labor

OSHA's mission is to assure safe and healthful working conditions for working men and women (having been authorized to enforce standards first created under the Occupational Health and Safety Act of 1970 and since evolved), by assisting and encouraging the States in their efforts to assure safe and healthful working conditions.

UL
Underwriters Laboratories

Underwriters Laboratories Inc. (UL) is an independent, not-for-profit product safety testing and certification organization.

NSF
National Sanitation Foundation

NSF International helps protect people by certifying products and writing standards for consumer goods. As an independent, not-for-profit organization, NSF works toward allowing everyone to live safer.

Compliances, specifications and availability are subject to change without notice.

Organization acronyms

Standards development organizations

ANSI	American National Standards Institute
ASME	American Society of Mechanical Engineers
BRC	British Retail Consortium
CANENA	Consejo de Armonización de Normas Electrotécnicas de Norte América (Council for Harmonization of Electrotechnical Standardization of North America)
IEC	International Electrotechnical Commission
IEEE	Institute of Electrical and Electronics Engineers
ISA	Instrument Society of America
ISO	International Standards Organization
NFPA	National Fire Protection Agency
NSF	National Sanitation Foundation
SAE	Society of Automotive Engineers
SME	Society of Manufacturing Engineers

Certification agencies

ANCE	National Association of Normalization and Certification of the Electrical Sector (Mexico)
BSI	British Standards Institute
CCC	China Compulsory Certification
CE	European Compliance (This is not a certification agency, but CE is the European Compliance Mark)
CSA	Canadian Standards Association
cUL	Certified to CSA Standards by Underwriters Laboratories
cULus	Meets Canadian & US UL requirements
DESC	Defense Electronic Supply Center
ETL	Electrical Testing Laboratories
FCC	Federal Communications Commission
FM	Factory Mutual
IAPA	Independent Accident and Protection Association (Canada)
LEED	Leadership in Energy and Environmental Design
NRTL	National Recognized Testing Laboratories
OSHA	Occupational Safety and Health Administration
TUV	TUV Rheinland of N.A., Inc.
VDE	Verband Deutscher Elektrotechniker (Germany)
UL	Underwriters Laboratories

Codes & standards

CEC	Canadian Electrical Code
CEE	European Electrotechnical Committee
NEC	National Electrical Code®
NMX	Normas Mexicanas
NOM	Normas Oficiales de México (Official Mexican Standard)

Industry associations

ABYC	American Boat and Yacht Council
ASHE	American Society of Healthcare Engineering
BICSI	Building Industry Consulting Services International
BOMA	Building Owners Management Association
CANAME	Cámara Nacional de Manufacturas Eléctricas (México)
CEMRA	Canadian Electrical Manufacturers Representatives Association
ECOC	Electrical Contractors of Canada
EFI	Electro-Federation Incorporated
EIA	Electronics Industry Association
EPRI	Electric Power Research Institute
IAEI	International Association of Electrical Inspectors
IBI	Intelligent Building Institute
IECA	Independent Electrical Contractors Association
IFMA	International Facilities Management Association
NAED	National Association of Electrical Distributors
NAW	National Association of Wholesalers
NECA	National Electrical Contractors Association
NEMA	National Electrical Manufacturers Association
NEMRA	National Electrical Manufacturers Representative Association
NMDA	National Marine Distributor Association
NMRA	National Marine Representative Association
SEMI	Semi-Conductor Equipment and Material International
TIA	Telecommunications Industry Association
USGBC	US Green Building Council

Common UL & CSA standards for wiring devices

UL standards pertaining to Arrow Hart products

UL20	General-use switches
UL50	Enclosures for electrical equipment
UL94	Flammability testing for materials, plastic
UL486E	Equipment and wiring terminals
UL496	Lampholders
UL498	Plugs, connectors, receptacles, inlets, outlets
UL498A	Taps and adapters
UL508	Industrial equipment (including motor control switches)
UL514A	Metallic boxes/covers/wallplates
UL514D	Nonmetallic boxes/covers/wallplates
UL817	Cord sets
UL943	GFCIs
UL1054	Special use switches
UL1363	Temporary power taps
UL1436	Outlet circuit testers
UL1449	Surge suppression devices
UL1472	Dimmers
UL1567	Switches and receptacles used with AL wire
UL1699	Arc fault circuit interrupters

Codes & standards

UL1786	Night-lights
UL1863	Communications circuit accessories
UL1917	Solid state fan speed control
FSWC596	Fed. Spec. receptacles
FSWS896	Fed. Spec. switches

Industry associations

C22.2 No. 0.17	Polymeric materials
C22.2 No. 12	Night lights
C22.2 No. 42	General-use receptacles, attachment plugs
C22.2 No. 55	Special-use switches
C22.2 No. 111	General-use switches
C22.2 No. 144	GFCI
C22.2 No. 182.1	Industrial-type, special-use attachment plugs, receptacles and connectors. Pin and sleeve devices
C22.2 No. 182.2	Industrial locking type

Compliances, specifications and availability are subject to change without notice.

Common industry information

Selected articles, National Electric Code (NEC®) requirements for wiring devices from NFPA 70™, NEC® 2014 Edition

Article 210 – Branch circuits

210.8	Ground-fault circuit-interrupter protection for personnel
210.21	Branch circuit ratings, outlet devices
210.24	Branch circuit requirements - summary
210.50	Required outlets, general
210.60	Required outlets, guest rooms, guest suites, dormitories and similar occupancies
210.62	Required outlets, show windows
210.70	Lighting outlets required

Article 404 – Switches

404.2	Installation, switch connections
404.3	Installation, enclosure
404.4	Installation, damp or wet locations
404.9	Installation, provisions for general-use snap switches
404.14	Rating and use of snap switches
404.15	Construction specifications, marking

Article 406 — Receptacles, cord connectors & attachment plugs (caps)

406.3	Receptacle rating and type
406.4	General installation requirements
406.5	Receptacle mounting
406.6	Receptacle faceplates (cover plates)
406.7	Attachment plugs, cord connectors and flanged surface devices
406.8	Noninterchangeability
406.9	Receptacles in damp or wet locations
406.10	Grounding-type receptacles, adapters, cord connectors and attachment plugs
406.12	Tamper-resistant receptacles in dwelling units

Article 430 — Motors, motor circuits & controllers

430.8	Marking on controllers
430.81	Motor controllers, general
430.82	Motor controllers, controller design
430.83	Motor controllers, ratings
430.90	Combination fuseholder and switch as controller
430.102	Disconnecting means, location
430.109	Disconnecting means, type

Article 517 – Health care facilities

517.2	Definitions
517.10	Wiring and protection, applicability
517.13	Grounding of receptacles and fixed electrical equipment in patient care areas
517.14	Panelboard bonding
517.16	Use of isolated ground receptacles
517.17	Ground-fault protection
517.18	Wiring and protection, general care areas
517.19	Wiring and protection, critical care areas
517.20	Wiring and protection, wet procedure locations
517.21	Ground-Fault-Circuit-Interrupter protection for personnel
517.30	Essential electrical systems for hospitals
517.31	Branches requiring automatic connection
517.35	Sources of power
517.40	Essential electrical systems for nursing homes and limited care facilities
517.41	Essential electrical systems (nursing homes, etc.)
517.45	Essential electrical systems for other health care facilities
517.61	Inhalation anesthetizing locations, wiring and equipment
517.62	Inhalation anesthetizing locations, grounding
517.63	Grounded power systems in anesthetizing locations
517.64	Inhalation anesthetizing locations, low-voltage equipment and instruments
517.71	X-ray installations connection to supply circuit
517.72	X-ray installations disconnecting means
517.160	Isolated power systems

Article 555 – Marinas & boatyards

555.1	Scope
555.13	Wiring methods and installations
555.19	Receptacles (including GFCI)

Article 590 — Temporary installations

590.4	General (including receptacles and GFCI)

Article 604 — Manufactured wiring systems

604.2	Definition
604.6	Construction (including receptacles and connectors)

Article 630 — Electric welders

630.13	Arc welders, disconnecting means
630.33	Resistance welders, disconnecting means

Article 647 — Sensitive electronic equipment

647.7	Receptacles (including isolated ground receptacles)

Article 660 — X-ray equipment

660.4	Connection to supply circuit
660.5	Disconnecting means

Article 700 — Emergency systems

700.27	Overcurrent protection, ground-fault protection of equipment

Compliances, specifications and availability are subject to change without notice.

Wire & cable type abbreviations

Key

E	Thermoplastic elastomer	**S**	Extra hard usage (600V)	**V**	Vacuum (typically used for portable cleaning equipment)
O	Oil resistant outer jacket	**SJ**	Junior hard usage (300V)		
OO	Oil resistant outer jacket & oil resistant insulation	**T**	Thermoplastic/vinyl	**W**	Weather & water resistant for damp & wet locations
P	Parallel				

Examples

SEOOW Extra hard usage thermoplastic elastomer with oil resistant outer jacket and insulation; approved for outdoor use and water resistance; 600V up to 105°C.

SJT Hard usage thermoplastic rubber-insulated conductors and overall thermoplastic jacket. 300V up to 105°C.

SJTW Hard usage thermoplastic or rubber-insulated conductors and overall thermoplastic jacket. 300V up to 105°C. Weather resistant for outdoor use.

SPT-1 All thermoplastic construction, parallel jacketed. 300V up to 105°C, 2 or 3-conductor (18 gauge).

SPT-2 Same as SPT-1, but heavier construction (18-16 gauge).

SPT-3 Same as SPT-2, but heavier construction (18-10 gauge).

SRDT Portable range or dryer cable, 3-conductor parallel type or 4 insulated conductors, jacketed. All thermoplastic construction. 300V, maximum temperature of 60°C.

HPN Two-conductor, neoprene-insulated heater cord. Parallel construction. For use in damp locations. 300V, 90°C.

Diameter ranges of jacketed cord in accordance with standard UL62

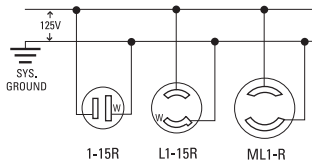
Acceptable range for overall diameter of jacketed cord

Type of cord	Avg. size	2-Conductor	3-Conductor	4-Conductor	5-Conductor
SV, SVO, SVT SVTO	18	0.22"-0.26" (5.6mm-6.6mm)	0.23"-0.27" (5.8mm-6.9mm)	—	—
SJ, SJE, SJO, SJOO, SJEO, SJEOO, SJT, SJTO, SJTOO, SJEW, SJEOW, SJEOOW, SJTW, SJTOW, SJTOOW	18	0.28"-0.32" (7.1mm-8.1mm)	0.30"-0.34" (7.6mm-8.6mm)	0.33"-0.37" (8.4mm-9.4mm)	—
	16	0.31"-0.34" (7.9mm-8.6mm)	0.33"-0.36" (8.4mm-9.1mm)	0.35"-0.40" (8.9mm-10.2mm)	—
	14	0.34"-0.38" (8.6mm-9.7mm)	0.36"-0.40" (9.1mm-10.2mm)	0.39"-0.44" (9.9mm-11.2mm)	—
	12	0.41"-0.46" (10.4mm-11.7mm)	0.43"-0.48" (10.9mm-12.2mm)	0.47"-0.52" (11.9mm-13.2mm)	—
	10	0.54"-0.61" (13.7mm-15.5mm)	0.57"-0.64" (14.5mm-16.3mm)	0.63"-0.70" (16.0mm-17.8mm)	—
S, SE, SOO, SEO, SEOO, ST, STOO, STO, SEW, SOOW, SOW, SEOW, SEOWW, STW, STOOW, STOW	18	0.34"-0.39" (8.6mm-9.9mm)	0.36"-0.40" (9.1mm-10.2mm)	0.39"-0.43" (9.9mm-10.9mm)	0.46"-0.51" (11.7mm-13.0mm)
	16	0.37"-0.41" (9.4mm-10.4mm)	0.39"-0.43" (9.9mm-10.9mm)	0.41"-0.46" (10.4mm-11.7mm)	0.49"-0.55" (12.4mm-14.0mm)
	14	0.50"-0.55" (12.7mm-14.0mm)	0.52"-0.58" (13.2mm-14.7mm)	0.56"-0.62" (14.2mm-15.7mm)	0.63"-0.71" (16.0mm-18.0mm)
	12	0.57"-0.63" (14.5mm-16.0mm)	0.59"-0.66" (15.0mm-16.8mm)	0.64"-0.71" (16.3mm-18.0mm)	0.70"-0.77" (17.8mm-19.6mm)
	10	0.62"-0.69" (15.7mm-17.5mm)	0.65"-0.72" (16.5mm-18.3mm)	0.70"-0.78" (17.8mm-19.8mm)	0.76"-0.84" (19.3mm-21.3mm)
	8	0.78"-0.88" (19.8mm-22.4mm)	0.83"-0.93" (21.1mm-23.6mm)	0.93"-1.05" (23.6mm-26.7mm)	1.00"-1.15" (25.4mm-29.2mm)
	6	0.92"-1.05" (23.4mm-26.7mm)	0.97"-1.10" (24.6mm-27.9mm)	1.05"-1.20" (26.7mm-30.5mm)	1.18"-1.33" (30.0mm-33.8mm)
	4	1.06"-1.21" (26.9mm-30.7mm)	1.13"-1.28" (28.7mm-32.5mm)	1.25"-1.45" (31.8mm-3.8mm)	—
	2	1.21"-1.40" (30.7mm-35.6mm)	1.30"-1.50" (33.0mm-38.1mm)	1.45"-1.65" (36.8mm-41.9mm)	—

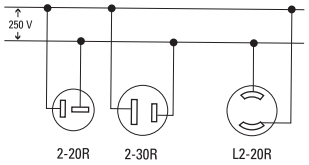
Compliances, specifications and availability are subject to change without notice.

Wiring diagrams (by NEMA configurations)

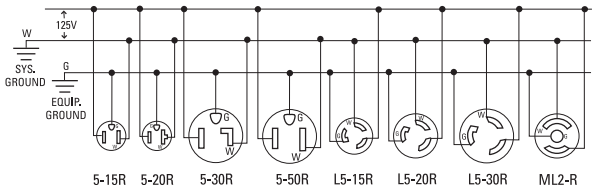
2 -pole, 2-wire non-grounding: 125V



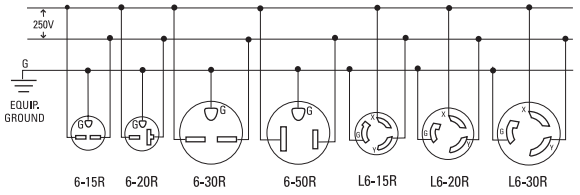
2-pole, 2-wire non-grounding: 250V



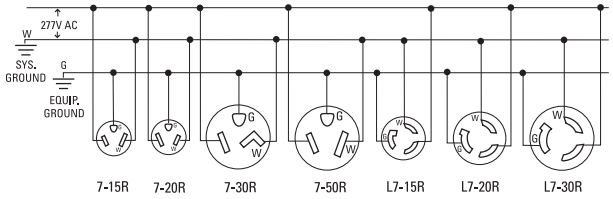
2-pole, 3-wire grounding: 125V



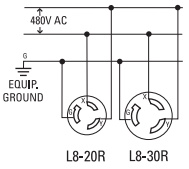
2-pole, 3-wire grounding: 250v



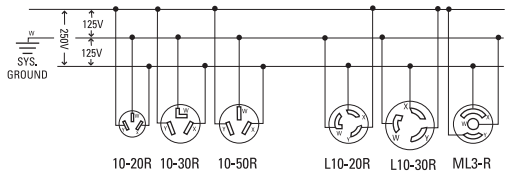
2-pole, 3-wire grounding: 277V AC



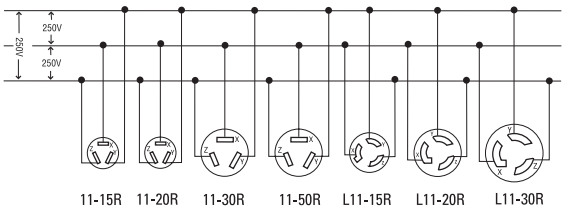
2-pole, 3-wire grounding: 480V/AC



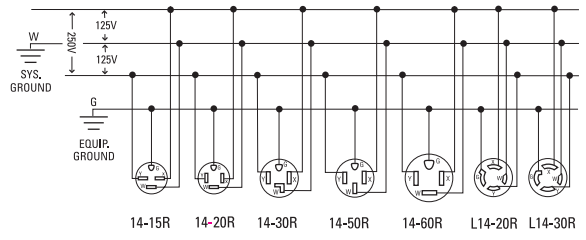
3-pole, 3-wire non-grounding: 125/250V



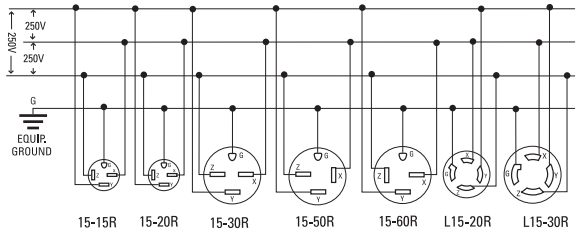
3-pole, 3-wire non-grounding: 3Ø 250V



3-pole, 4-wire grounding: 125/250V



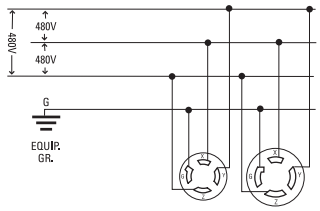
3-pole, 4-wire grounding: 3Ø 250V



Compliances, specifications and availability are subject to change without notice.

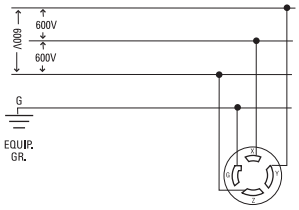
Wiring diagrams (by NEMA configurations)

3-pole, 4-wire grounding: 3Ø 480V



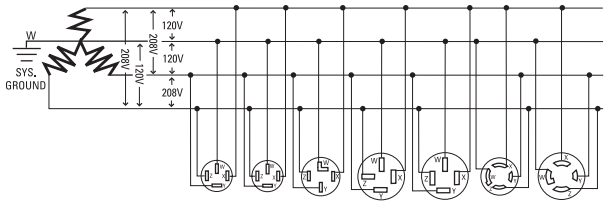
L16-20R L16-30R

3-pole, 4-wire grounding: 3Ø 600V



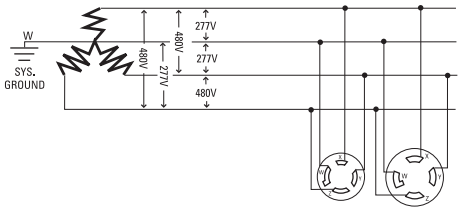
L17-30R

4-pole, 4-wire non-grounding: 3Ø 120/208V



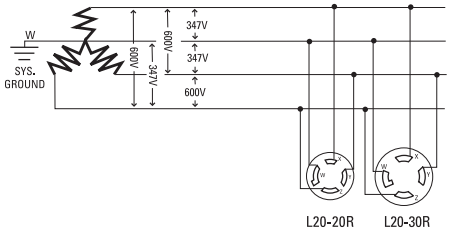
18-15R 18-20R 18-30R 18-50R 18-60R L18-20R L18-30R

4-pole, 4-wire non-grounding: 3Ø 277/480V



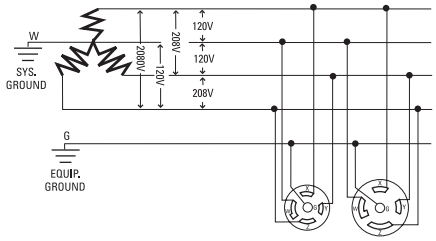
L19-20R L19-30R

4-pole, 4-wire non-grounding: 3Ø 347/600V



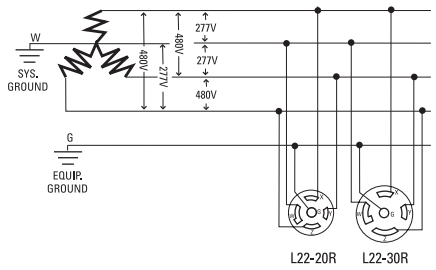
L20-20R L20-30R

4-pole, 5-wire non-grounding: 3Ø 120/208V



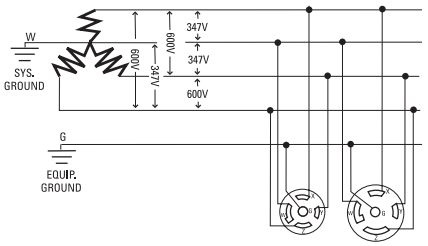
L21-20R L21-30R

4-pole, 5-wire grounding: 3Ø 277/480V



L22-20R L22-30R

4-pole, 5-wire grounding: 3Ø 347/600V



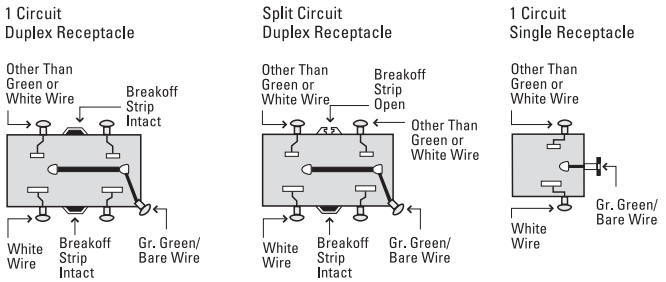
L23-20R L23-30R

Compliances, specifications and availability are subject to change without notice.

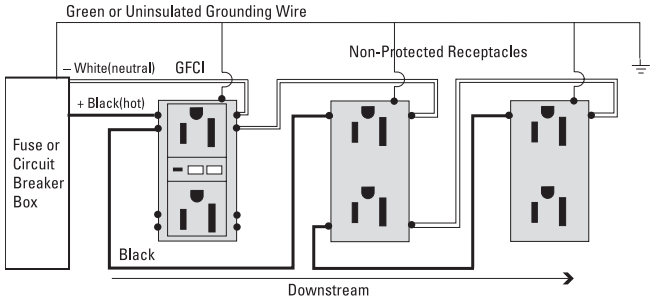
Wiring diagrams (receptacles & combination devices)

Receptacles wiring diagrams

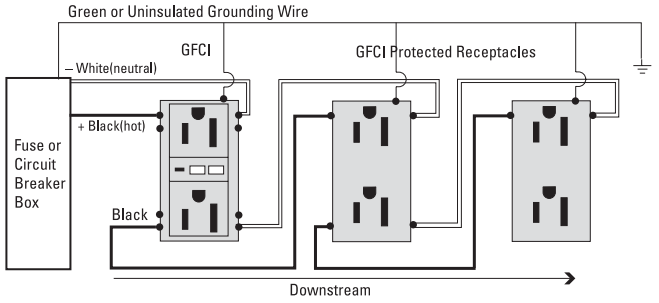
15A-125V



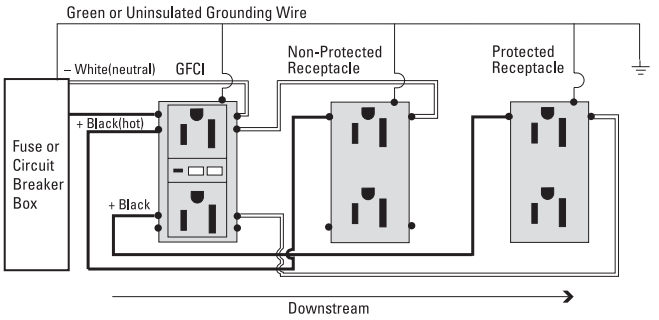
GFCI: Feed-through installation with non-protected receptacles downstream



GFCI: Feed-through installation with protection provided downstream

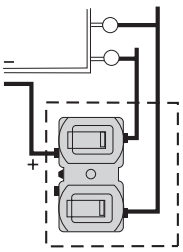


GFCI: Feed-through installation with both protected & non-protected receptacles downstream

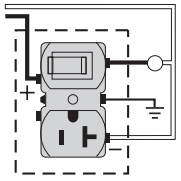


Combination devices wiring diagrams

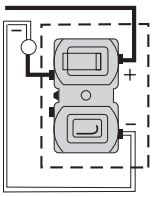
2 Single-pole switches



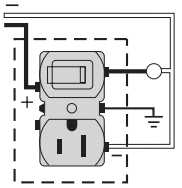
Single-pole switch & 2-pole, 3-wire 20A U grounding receptacle



Single-pole switch and neon pilot light



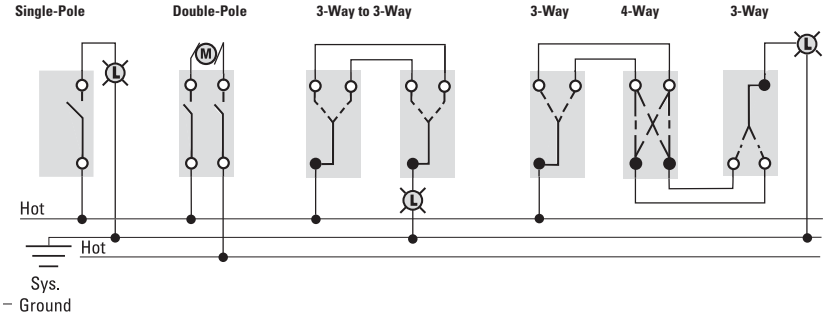
Single-pole switch & 2-pole, 3-wire U grounding receptacle



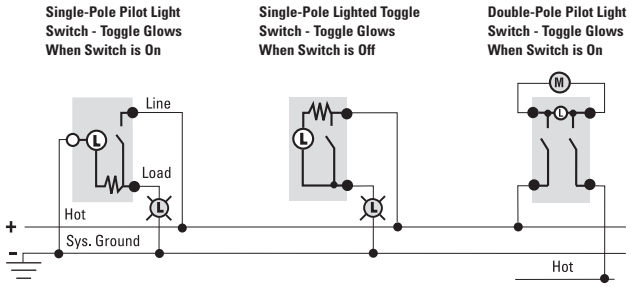
Compliances, specifications and availability are subject to change without notice.

Switches wiring diagrams

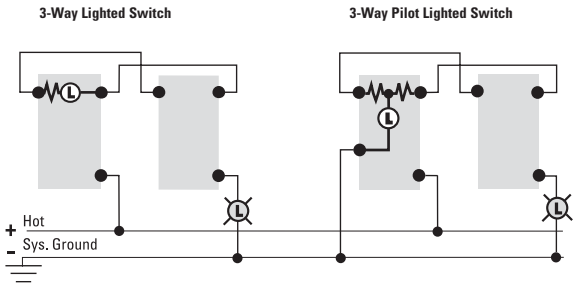
AC switches & standard switches



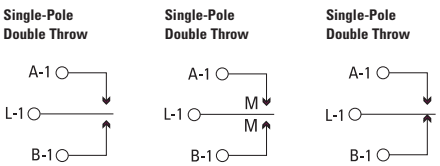
Pilot light switch & lighted switch, single & double pole



Pilot light switch & lighted switch, 3-way



Maintained & momentary contact, single-pole

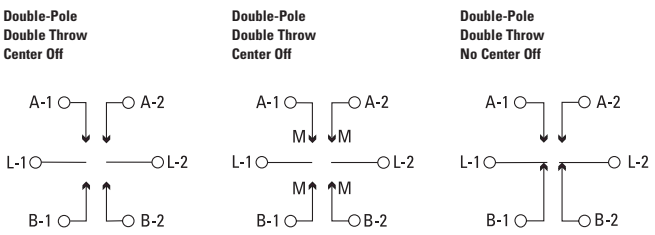


Maintained Contact 3-Position, 2-Circuit Center "Off"

Momentary Contact Either Direction 3-Position, Center "Off"

Maintained Contact Either Direction 2-Position, No Center "Off"

Maintained & momentary contact, double-pole

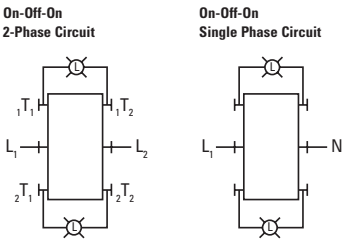


3-Position Maintained Contact

Momentary Contact Either Direction 3-Position Center Off

Maintained Contact Either Direction 2-Position No Center Off

Manual contactors & disconnect switches



AH4361, AH4371 DPDT Momentary Contact, 2-Circuit With Center

AH4361, AH4371 DPDT Momentary Contact, 2-Circuit With Center

Compliances, specifications and availability are subject to change without notice.

Wiring diagrams (manual contacts & disconnect switches, by motor variations)

Motor variations wiring diagrams

Capacitor Two Windings

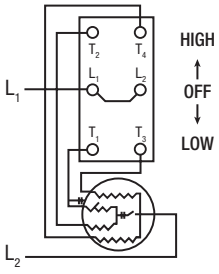


Diagram 1

Repulsion Induction

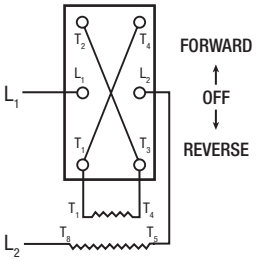


Diagram 2

Series

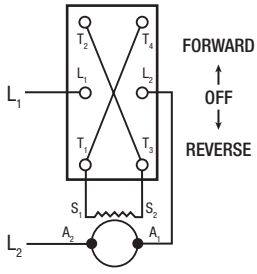


Diagram 3

Capacitor Consequent Pole

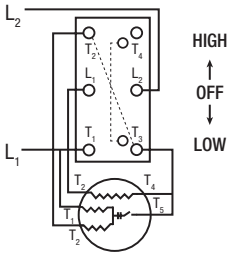


Diagram 4

Diagram 4 Internal Connections		
LOW	L_1 & T_2	L_2 & T_3 & T_4
HIGH	L_1 & T_1	L_2 to T_2 & T_3

Capacitor

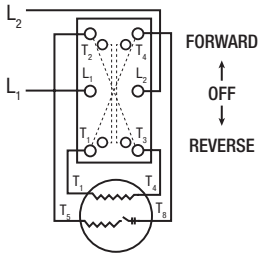


Diagram 5

Diagram 5 & 6 Internal Connections		
	L_1	L_2
FORWARD	T_1 & T_2	T_3 & T_4
REVERSE	T_1 & T_4	T_3 & T_2

Split Phase

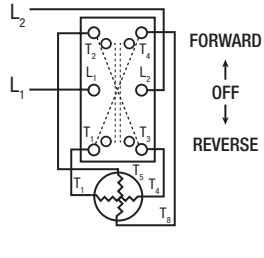


Diagram 6

3-Phase Separate Winding

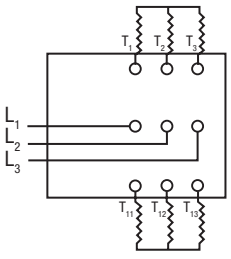


Diagram 7

3-Phase Induction

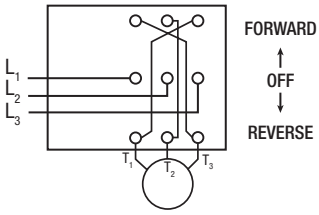


Diagram 8

Series DC

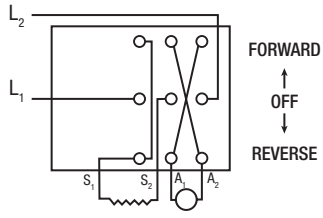


Diagram 9

Shunt DC

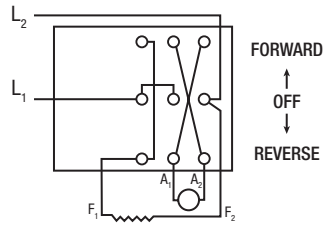


Diagram 10

Compound DC

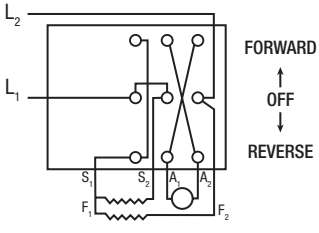


Diagram 11

2-Phase Separate Winding

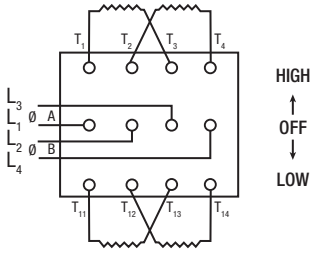


Diagram 12

2-Phase Induction

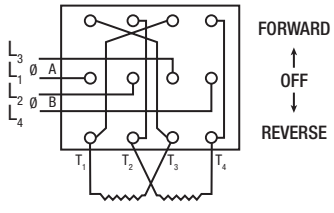
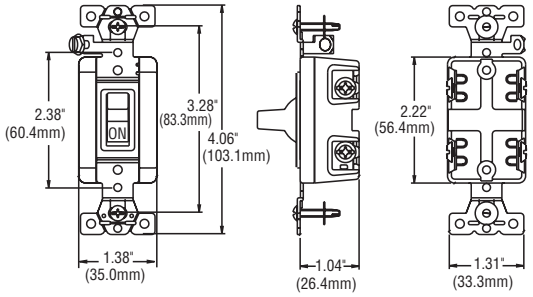


Diagram 13

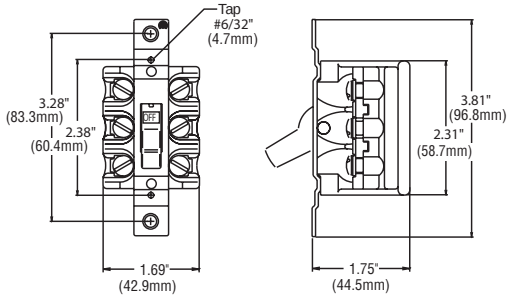
Compliances, specifications and availability are subject to change without notice.

Dimensional data (switches)

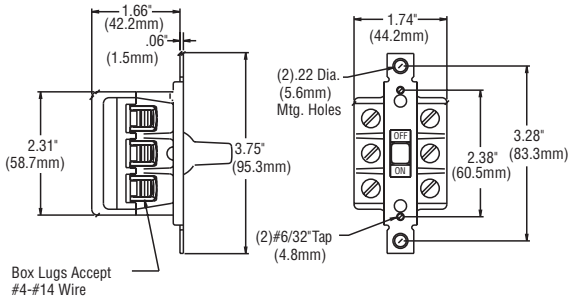
AH6808UDAC, AH6808UCO



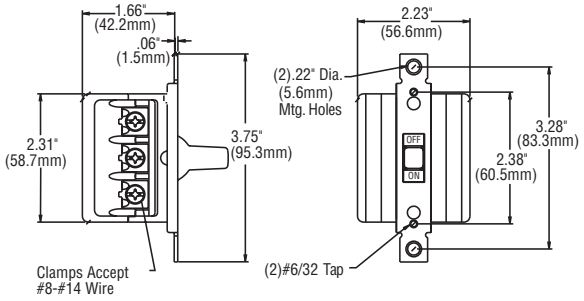
AH6810U, AH7810UD



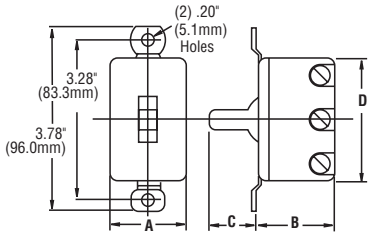
AHMC240L, AHMC340L, AHMC260L, AHMC360L



AHMC240C, AHMC340C



AH4361, AH4371

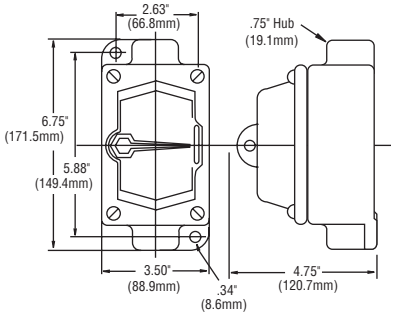


	A	B	C	D
AH4361	1.59" (40.4mm)	1.66" (42.2mm)	0.66" (16.8mm)	2.50" (63.5mm)
AH4371	1.81" (46.0mm)	1.98" (50.3mm)	1.22" (31.0mm)	2.88" (73.2mm)

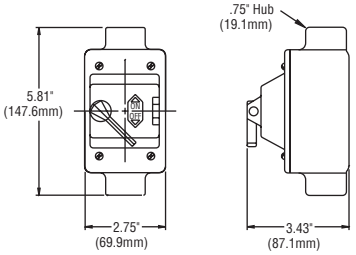
Compliances, specifications and availability are subject to change without notice.

Dimensional data (enclosures)

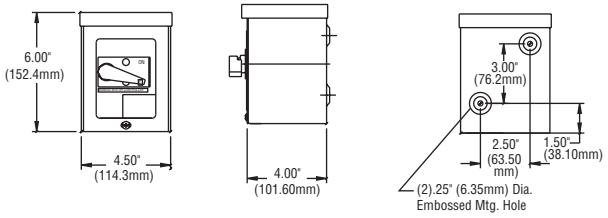
AH6810E, AH7810ED



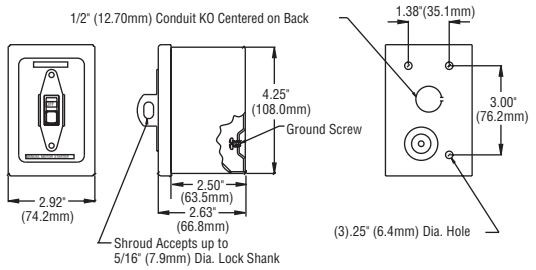
AH6808WDAC



AHN3WD, AH6808WDAC, AH6810W, AHMC240C-3, AHMC240L-2, AHMC260L-3, AHMC340C-3, AHMC340L-2, AHMC360L-2



AHMC360L-1, AHMC260L-1, AH781OGD, AHMC340C-1, AHMC340L-1, AH6808GDAC, AH6810G, AHMC240C-1, AHMC240L-1, AH27940G, AHN1GD

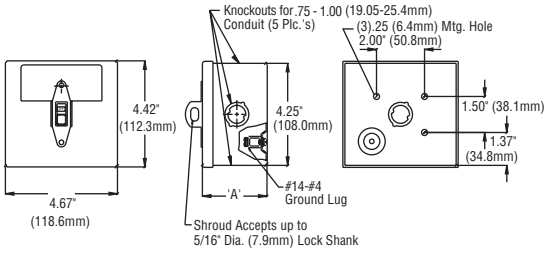


AH7810GDB, AHN1GD2

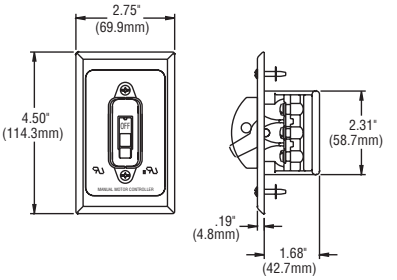
Dim A=2.63" (66.80mm)

AHN1GD2D

Dim A=3.87" (98.30mm)



AH6808FDAC (plate only, no toggle guard) AH7810FD

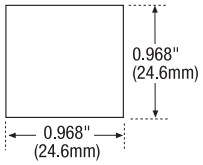


Compliances, specifications and availability are subject to change without notice.

Dimensional data (cutouts)

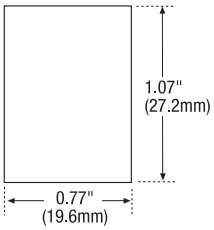
Snap-in receptacle panel cutouts

Panel Cutout
49



Panel Thickness **0.032" – 0.070"**
(0.81mm – 1.78mm)

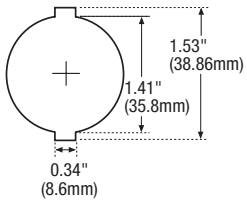
Panel Cutout
67



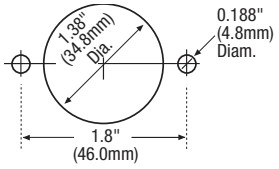
Panel Thickness **0.032" – 0.070"**
(0.81mm – 1.78mm)

Attachon lampholder cutouts

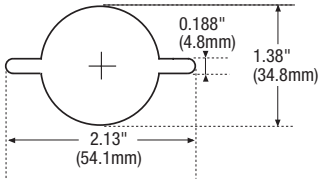
Panel Cutout
732-3



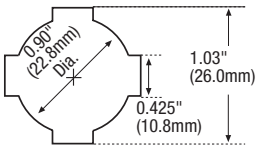
Panel Cutout
734



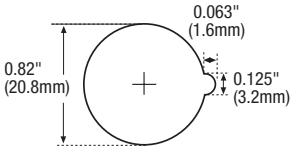
Panel Cutout
4734-2



Panel Cutout
731-2, 731-3



Panel Cutout
974-2



Compliances, specifications and availability are subject to change without notice.

Switch applications

Test requirements

The maximum permitted load for which a switch is suitable depends on the switch rating and the nature of the load. Proper selection of switches is determined by test standards and requirements of the National Electrical Code®, Articles 380, 430, and 600.

General Use AC switches are suitable for use at full rated current and voltage on loads of fluorescent and incandescent lighting and for other inductive or resistance loads. Our switches are rated for motor loads at 80% of their rated current.

Special Use AC switches may be used at full rating on resistance or inductive loads, including fluorescent. For incandescent (tungsten) lighting loads, they must carry an "L" rating. For motor loads they require an "HP" (horsepower) rating.

To ensure safety and reliability, Arrow Hart switches are tested, rated and marked according to various standards. The following charts indicate both the required performance tests specified by industry standards for switches with standard ratings, and the loads they may control.

Test requirements - switches general use - AC only

		Overload				Endurance				
Rating	Standard	Amps	Volts	Power factor	Cycles	Amps	Volts (Max)	Resistance cycles 1.0 pf.†	Inductive cycles .75 to .8 pf.†	Tungsten cycles 1.0 pf.†
15A, 120V/AC	UL20	72	120 AC	.4 to .5	100	15	120 AC	10,000	10,000	10,000
	WS 896	72	120 AC	.4 to .5	100	15	120 AC	10,000	50,000	50,000
15A 120/277 277V/AC	UL20	72	277 AC	.4 to .5	100	15	277 AC	10,000	10,000	10,000
	WS 896	72	277 AC	.4 to .5	100	15	277 AC	10,000	50,000	50,000
20A, 120/277 277V/AC	UL20	96	277 AC	.4 to .5	100	20	277 AC	10,000	10,000	10,000
	WS 896	96	277 AC	.4 to .5	100	20	277 AC	10,000	50,000	50,000
20A, 120/277 277V/AC	UL20	144	277 AC	.4 to .5	100	30	277 AC	10,000	10,000	10,000
	WS 896	144	277 AC	.4 to .5	100	30	277 AC	10,000	50,000	50,000

Test requirements - switches special use - AC only

		Overload				Endurance				Horse power				"L" Tungsten		
Rating	Standard	Amps	Volts	Power factor	Cycles	Amps	Volts	Power factor	Cycles	Amps	Volts	Power factor	Cycles	Amps	Volts	Cycles
8A, 120V/AC	UL1054	12	120 AC	.4-.5	50	8	120 AC	.75-.8	6000	–	–	–	–	–	–	–
15A, 120V/AC 10A, 240V/AC 3/4 HP, 120-240V/AC	UL1054	15	240 AC	.4-.5	50	10	240 AC	.75-.8	6000	82.8	120 AC	.4-.5	50	–	–	–
										41.4	240 AC	.4-.5	50			
15A, 125-250V/AC 3/4 HP, 120-240V/AC	UL1054	22.5	250 AC	.4-.5	50	15	250 AC	.75-.8	6000	82.8	120 AC	.4-.5	50	–	–	–
										41.4	240 AC	.4-.5	50			
20A, 125V/AC "L" 20A, 250V/AC 1 HP, 120-240V/AC	UL1054	30	240 AC	.4-.5	50	20	250 AC	.75-.8	6000	96	120 AC	.4-.5	50	20	125 AC	6000
										48	240 AC	.4-.5	50			

WS896 is current Federal Specification.

All switches are subjected to resistive endurance, inductive endurance, tungsten endurance and then verified that they meet less than a 86°F (30°C) temperature rise at rated current and voltage, followed by a dielectric test at 1500 V/AC for 1 minute.

† Power Factor

Compliances, specifications and availability are subject to change without notice.

Maximum loads

Maximum loads - switches - general use - AC only

	Incandescent		Inductive (fluorescent)		Resistance		Motors		
Switch rating	**Volts**	**Amps**	**Volts**	**Amps**	**Volts**	**Amps**	**Volts**	**HP**	**Amps**
15A, 120V/AC	120 AC	15	120 AC	15	120 AC	15	120 AC	1/2	12
20A, 120V/AC	120 AC	20	120 AC	20	120 AC	20	120 AC	1	16
15A, 120/277V/AC	120 AC	15	277 AC	15	277 AC	15	120 AC	1/2	12
							240 AC	1	12
20A, 120/277V/AC	120 AC	20	277 AC	20	277 AC	20	120 AC	1	16
							240 AC	2	16
30A, 120/277V/AC	120 AC	30	277 AC	30	277 AC	30	120 AC	2	24
							240 AC	2	24

Maximum loads - switches - special use - AC only

	Incandescent		Inductive (fluorescent)		Resistance		Motors		
Switch rating	**Volts**	**Amps**	**Volts**	**Amps**	**Volts**	**Amps**	**V/AC**	**HP**	**Amps**
8A, 120V/AC 15A, 120V/AC	Not suitable		120 AC	8	120 AC	8	Not suitable		
			120 AC	15	120 AC	15			
10A, 240V/AC 3/4HP, 120/240V/AC	Not suitable		250 AC	10	240 AC	10	240V/AC	3/4	12
15A, 120-240V/AC 3/4HP, 120/240V/AC	Not suitable		250 AC	15	250 AC	15	240V/AC	3/4	12
20A,120V/AC "L" 20A, 250V/AC 1HP, 120/240V/AC	125 AC	20	250 AC	20	250 AC	20	240V/AC	1	12

Compliances, specifications and availability are subject to change without notice.

Switch applications or materials

Chemical resistant properties of common materials in wiring devices

Key terms describing material enhancements

Thermoplastic:	Material treated for UV stability to increase tensile strength and decrease discoloration when exposed to UV radiation. Manufactured by injection molding. Superior resistance to impacts, chemical and solvent attack.
Thermoset:	Flame resistant material with dimensional stability. Manufactured by compression molding.
Glass filled:	Glass-filled material (most commonly nylon) yields increased material rigidity and permits operation at a higher temperature.
Nickel plated:	Plating of steel or brass with nickel to increase the corrosion-resistant properties of the metal component.
Zinc plated:	Plating of cold-rolled steel with zinc to increase the corrosion-resistant properties of the metal component or casing.

Materials	Acids	Alcohol	Caustic bases	Gasoline	Grease	Kerosene	Oil	Solvents	Water
Nylon (Thermoplastic)	3	1	1	1	1	1	1	1	1
Polycarbonate (Thermoplastic)	2	1	3	2	2	2	2	3	1
302/304 Stainless steel	2	1	3	1	1	1	1	2	1
Polyvinyl Chloride (PVC)	1	1	1	1	1	1	1	3	1
Polypropylene (Thermoplastic)	1	1	1	1	1	1	1	2	1
Polyester	1	1	2	1	1	1	1	2	1
Rubber (Thermoplastic)	2	2	3	2	2	1	1	3	2
Phenolic (Thermoset)	2	1	2	1	1	1	1	1	1
ABS (Thermoplastic)	2	2	1	1	1	2	2	3	1

Chemical resistance factor
1 – Completely resistant — good to excellent for general use when exposed to these factors.
2 – Resistance is fair to good — recommended for limited service when exposed to these factors.
3 – Slow attack. Not recommended for use when exposed to these factors.
*The chemical resistance factor represents general applications. Additional testing is required to determine resistance to chemicals in specific environments.

Compliances, specifications and availability are subject to change without notice.

NEMA enclosure ratings

Protection from	Device locations: Indoors	Indoors or outdoors	Outdoors with external mechanisms
Limited amounts of falling dirt	NEMA type 1		
Limited amounts of falling dirt and dripping water	NEMA type 2		
Rain, sleet, falling dirt, windblown dust, damage from ice formation		NEMA type 3	
Rain, sleet, falling dirt, damage from ice formation		NEMA type 3R	
Rain, sleet, windblown dust, ice laden operation possible			NEMA type 3S
Windblown dust and rain, splashing water, hose-directed water, damage from ice formation		NEMA type 4	
Corrosion, windblown dust and rain, splashing water, hose-directed water, damage from ice formation		NEMA type 4X	
Falling dirt and settling airborn dust, lint, fibers and dripping non-corrosive liquids	NEMA type 5		
Hose-directed water, entry of water during occasional short-term limited depth submersion, damage from ice formation		NEMA type 6	
Hose-directed water, entry of water during long-term limited depth submersion, damage from ice formation		NEMA type 6P	
Class I, Division 1, groups A,B,C or D hazardous locations (as defined by NEC®, NFPA 70)	NEMA type 7 (commonly referred to as explosion-proof)		
Class I, Division 1, groups A,B,C or D hazardous locations (as defined by NEC®, NFPA 70)	NEMA type 8 (commonly referred to as oil-immersed)		
Class II, Division 1, groups E, F and G hazardous locations (as defined by NEC®, NFPA 70)	NEMA type 9 (commonly referred to as dust-ignition-proof)		
Meets applicable requirements of the Mine Safety & Health Administration, 30 CFR, part 18		NEMA type 10	
Circulating dust, falling dirt, dripping non-corrosive liquids	NEMA type 12 NEMA type 12K		
Dust, spraying of water, oil and non-corrosive coolant	NEMA type 13		

IP enclosure ratings

First digit - protection against persons - touching & ingress of solid objects	Second digit - protection against penetration of liquids	IP_0 Non-protected	IP_1 Vertical falling of water drops	IP_2 Falling of water drops at angle up to 15° from vertical	IP_3 Spraying water (rain) at angle up to 60° from vertical	IP_4 Splashing water from any direction (360°)	IP_5 Water jets from any direction (360°)	IP_6 Power jetting water	IP_7 Temporary immersion in water	IP_8 Continuous immersion in water
IP0_	Without protection	IP**00**								
IP1_	Touching with hand & solid objects > 50mm dia.	IP**10**	IP**11**	IP**12**						
IP2_	Touching with finger & solid objects > 12mm dia.	IP**20**	IP**21**	IP**22**	IP**23**					
IP3_	Touching with tools, wires, etc. > 2.5mm thick & solid objects > 2.5mm dia.	IP**30**	IP**31**	IP**32**	IP**33**	IP**34**				
IP4_	Touching with tools, wires, etc. > 1mm thick & solid objects > 1mm dia.	IP**40**	IP**41**	IP**42**	IP**43**	IP**44**				
IP5_	Unlimited protection against contact with live parts & damaging dust deposits	IP**50**				IP**54**	IP**55**			
IP6_	Unlimited protection against contact with live parts & any dust penetration	IP**60**					IP**65**	IP**66**	IP**67**	IP**68**

Compliances, specifications and availability are subject to change without notice.

NEMA & IP enclosures

Enclosure type cross reference: NEMA/UL/CSA

NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION

NEMA Standards publication no.250-1991, enclosures for electrical equipment (1000V max.)

Intended use and description

An enclosure is a surrounding case that provides personnel with protection against incidental contact with enclosed equipment, and simultaneously protects enclosed equipment against specific environmental conditions.

Type 1

Enclosures are intended for indoor use primarily to protect against limited amounts of falling dirt.

Type 2

Enclosures provide a degree of protection, mainly indoors, against limited amounts of dripping water or falling dirt.

Type 3

Enclosures, intended primarily for use outdoors, protect against rain, sleet, wind-blown dust, and damage from external ice formation.

Type 3R

Enclosures provide protection primarily against rain, sleet, and damage from external ice formation.

Type 3S

Enclosures protect primarily against rain, sleet, and wind-blown dust, and enable external mechanisms to operate efficiently even when ice laden.

Type 4

Enclosures provide protection, both indoors and out, against wind-blown dust and rain, splashing or hose-directed water, and ice damage.

Type 4X

Enclosures used both indoors and out to protect against corrosion, wind-blown dust and rain, splashing or hose-directed water, and damage caused by exterior ice formation.

Type 5

Enclosures used primarily indoors to provide protection against airborne dust and dirt, and non-corrosive liquids.

Type 6

Enclosures provide protection both indoors and out against hose-directed water, water entry during occasional short-term submersion at low-pressure depths, and damage caused by exterior ice formation.

Type 6P

Enclosures protect both indoors and out against hose-directed water, water entry during long-term submersion at low-pressure depths, and ice damage.

Type 12

Enclosures used primarily indoors to protect against airborne dust or dirt, and non-corrosive liquids.

Type 12K

Enclosures with knockouts are used primarily indoors for protection against airborne dust and dirt, and non-corrosive liquids.

Type 13

Enclosures used primarily indoors to protect against dust, as well as accidental spraying by water, oil, or non-corrosive coolants.

UNDERWRITERS LABORATORIES UL50

Standard for enclosures for electrical equipment (10th Edition)

Intended use and description

An enclosure is a surrounding case that protects equipment enclosed within against incidental contact, as well as specific environmental conditions. A complete enclosure shall be provided for all live parts that may be housed in it. Such an enclosure shall be tight and come with a means for mounting, unless it's designed for a special installation, for example, a cast metal junction or pull-box intended for installation in poured concrete.

Type 1

Enclosures are intended for indoor use primarily to protect against limited amounts of falling dirt.

Type 2

Enclosures provide a degree of protection, mainly indoors, against limited amounts of dripping water or falling dirt.

Type 3

Enclosures, intended primarily for use outdoors, protect against rain, sleet, wind-blown dust, and damage from external ice formation.

Type 3R

Used primarily outdoors for protection against rain, sleet, and exterior damage caused by the formation of ice.

Type 3S

Used primarily outdoors for protection against rain, sleet, and wind-blown dust, and to enable exterior mechanisms to operate when ice laden.

Type 4

For indoor and outdoor use to protect against wind-blown dust and rain, splashing or hose-directed water, and damage caused by exterior ice formation.

Type 4X

For protection indoors and out from corrosion, wind-blown dust and rain, splashing or hose-directed water, and damage caused by exterior ice formation.

Compliances, specifications and availability are subject to change without notice.

Enclosure type cross reference: NEMA/UL/CSA

(con't)

UNDERWRITERS LABORATORIES UL50

Type 5

Used primarily indoors for protection against airborne dust or dirt, and non-corrosive liquids.

Type 6

For protection indoors and out against hose-directed water, water entry during occasional short-term submersion at low-pressure depths, and damage caused by exterior ice formation.

Type 6P

For protection indoors and out against hose-directed water, water entry during long-term submersion at low-pressure depths, and damage caused by exterior ice formation.

Type 12

Used primarily indoors to protect against airborne dust and dirt, and non-corrosive liquids.

Type 12K

Used primarily indoors to protect against dust and dirt, and non-corrosive liquids.

Type 13

Used primarily indoors to protect against dust, as well as accidental spraying by water, oil, or non-corrosive coolants.

CANADIAN STANDARDS ASSOC. CAN/CSA C22.2 No. 94-M91

Special purposes enclosures

Intended use and description

Enclosures are constructed to protect against specific environmental conditions, as well as accidental contact with the equipment enclosed within.

Type 1

(There is no CSA equivalent.)

Type 2

Enclosures are designed to provide protection, primarily indoors, against dripping and small amounts of splashing of non-corrosive liquids, and dirt.

Type 3

Enclosures, designed for both indoor and outdoor use, protect against rain and snow, and remain undamaged by the external formation of ice.

Type 3R

Enclosures used both indoors and out for protection against rain and snow, remaining undamaged by exterior ice formation.

Type 3S

Enclosures used both indoors and out for protection against rain, snow, and airborne dust, and enable external mechanisms to operate efficiently even when ice laden.

Type 4

Enclosures used both indoors and out for protection against rain, snow, airborne dust, and both splashing and hose-directed water, remaining undamaged by exterior ice.

Type 4X

Enclosures used both indoors and out for protection against rain, snow, airborne dust, and both splashing and hose-directed water, remaining undamaged by exterior ice formation.

Type 5

Enclosures exclusively for indoor use, providing protection against dripping and light splashing of non-corrosive liquids, as well as airborne dust, lint, fibers, and filings.

Type 6

Enclosures used both indoors and out for protection against water entry during occasional short-term submersion at low-pressure depths, remaining undamaged by exterior ice formation.

Type 6P

Enclosures for use both indoors and out for protection against water entry during long-term submersion at low-pressure depths. In addition, it provides corrosion resistance over extended periods of time and remains undamaged by exterior ice formation.

Type 12

Enclosures exclusively for indoor use, providing protection against airborne dust, lint, fibers, and filings, as well as dripping and light splashing of non-corrosive liquids. These enclosures are not provided with knockouts.

Type 12K

Enclosures provided with knockouts and used exclusively indoors for protection against airborne dust, lint, fibers, and filings, as well as dripping and light splashing of non-corrosive liquids.

Type 13

Enclosures exclusively for indoor use, providing protection against airborne dust, lint, fibers, and filings, as well as from seepage and spraying of non-corrosive liquids, including oils and coolants.

Compliances, specifications and availability are subject to change without notice.

NAFTA compliant

NAFTA compliant products meet specifications at time of print. Product listing subject to change.

Buy American Provision, American Recovery and Reinvestment Act (ARRA) (Section 1605)

ARRA Section 1605 establishes requirements for federal government projects funded with stimulus monies: "None of the funds appropriated or otherwise made available by [the ARRA] may be used for a project for the construction, alteration, maintenance, or repair of a public building or public work unless all of the iron, steel, and manufactured goods used in the project are produced in the United States." Iron and steel used as components or subcomponents of other manufactured construction materials do not need to be produced in the United States. There is no requirement that components and subcomponents be U.S.-origin provided the manufactured construction material is "produced in the United States." (FAR 25.001(c)(4)) Section 1605 does not contain a domestic cost requirement. However, the government has not defined "produced" for purposes of the ARRA Buy American provision. Many commentators have adopted the "substantial transformation" test to determine whether a manufactured article is "produced" in the United States for purposes of Section 1605. Section 1605 contains a requirement that the Buy American provision be applied in a manner consistent with U.S. obligations under international agreements. As a result, national treatment is extended to products from countries with which the United States has entered a free trade agreement (e.g., Canada, Mexico, Bahrain, Chile, etc.) and to products from countries that have signed the WTO Government Procurement Agreement. National treatment is also extended to least developed countries (LDCs) (e.g., Bhutan, Mali, Zambia, etc.) but not to Caribbean basin countries (e.g., Belize, Haiti, Bahamas, etc.). Products that are identified as NAFTA compliant may qualify under the Buy American Act or ARRA program guidelines. Consult specific project guidelines and compliance requirements to assure suitability for your project needs.

Buy American Act (US Code, Title 41, Section 10 (a-d))

The Buy American Act (often BAA, not to be confused with the Buy America (no "n") Act) applies to all U.S. federal government agency purchases of goods over certain contract thresholds. The BAA restricts purchases of supplies and construction materials to domestic products, unless an exception or waiver applies. Unmanufactured products must be mined or produced in the United States. There is a two-part test for manufactured articles: (1) article must be manufactured in the United States, and (2) cost of U.S. components must exceed 50% of the cost of all components in the item. Note: this calculation does not include labor and overhead for final assembly in the United States. The component cost test is waived for commercial-off-the-shelf (COTS) items. (FAR 25.001(c)(1). BAA waivers may be available, often at the discretion of the contracting officer.

Restriction of the use of certain hazardous substances (RoHS)

Parts are manufactured and designed in accordance with article 4 of the European Union's RoHS2 directive 2011/65/EU

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