

Arrow Hart

Healthcare environments require
quality device solutions with
secure and reliable connectivity



Powering Business Worldwide



Dependable, code-compliant healthcare devices deliver quality solutions for the medical services environment

Table of contents

| | | | |
|--|----|---|----|
| Hospital grade testing | 3 | | |
| Healthcare product solutions | | | |
| Critical care | 4 | Heavy-duty controlled receptacles | 16 |
| Nurses' stations | 4 | USB charging devices | 17 |
| Pediatric care | 5 | 0-10V dimmer sensors & commercial wallbox sensors | 18 |
| Patient & examining rooms | 5 | Commercial grade dimmer sensors & LED nightlights | 19 |
| Radiographic rooms | 6 | Hospital grade plugs & connectors | 20 |
| Hallways & corridors | 6 | Arrow Hart color coded ultra grip locking devices | 21 |
| Lobbies & waiting rooms | 7 | Complex environment devices | 22 |
| Conference rooms & offices | 7 | X-Switch motor control switch configurations & ordering | 23 |
| Public restrooms & patient bathrooms | 8 | Pre-marked special use wallplates | 24 |
| Kitchens & food services | 8 | Arrow Hart hospital grade devices specifiers table | 25 |
| Maintenance & physical plant areas | 9 | A sampling of hospital grade tests | 26 |
| Outdoor facility solutions | 9 | | |
| Product information | | | |
| Hospital grade GFCIs | 10 | | |
| Hospital grade SPD receptacles and ArrowLink connectors | 11 | | |
| Extra heavy-duty hospital grade straight blade receptacles | 12 | | |
| Hospital grade isolated ground straight blade receptacles | 13 | | |
| Heavy-duty hospital grade straight blade receptacles | 14 | | |
| Extra heavy-duty hospital grade decorator duplex receptacles | 15 | | |

Solutions for healthcare challenges:



**Electrical
Integrity**



Safety



**Energy
Efficient**



Aesthetics



**Environmental
Durability**



Customized



**Ease of
Installation**

Connecting safety to reliability with Arrow Hart products since 1890.

NEC® & UL Listed hospital grade device requirements



TRSGFH15
Page 18



AH8200
Page 13



TR8355
Page 12



EM5134
Page 21

The National Electric Code® Article 517 identifies device features for designated healthcare environments where medical, dental, psychiatric, nursing, obstetrical, or surgical care are provided.

Certain applications have special device requirements to ensure the protection of the patients, providers and equipment.

Patient room

Patient bed locations require a minimum of eight receptacle outlets, single or duplex, shall be listed "hospital grade" and so identified NEC® Article 517.18(B).

Pediatric care

Receptacles in pediatric wards shall be listed tamper resistant NEC Article 517.18(C).

Critical care

Patient bed locations with minimum of 14 receptacle outlets, single or duplex, shall be listed "hospital grade" and so identified NEC Article 517.19(B).

GFCI protection is not required for receptacles installed in critical care areas where the toilet and basin are installed within the patient room NEC Article 517.21.

GFCIs are not recommended for use in critical care areas due to the potential power failure.

Hospital grade plugs and connectors are designed for use on all AC branch circuits and equipment as required by NEC® Article 517

Essential electrical systems for hospitals

The cover plates for electrical receptacles or the electrical receptacles themselves supplied from the emergency system shall have a distinctive color or marking so as to be readily identifiable NEC Article 517.30(E).

Wet procedure location

All receptacles and fixed equipment within the area of the wet procedure location shall have ground-fault circuit-interrupter protection NEC Article 517.20(A).

Emergency power areas

Emergency power areas must be identified as such with distinct marking or color on wallplate or device NEC Article 517.41(E).

Testing requirements in healthcare facilities (NFPA 99 Chapter 3-3)

Visual integrity, ground continuity, polarity and ground blade retention force.

Testing shall be performed after initial installation, replacement or servicing.

Additional testing shall be performed at intervals defined by documented performance data.

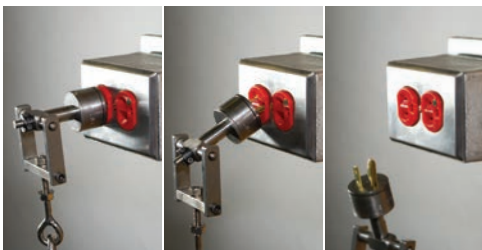
Non-hospital grade receptacles must be tested annually.

UL Listed hospital grade device testing

Devices receiving UL Listing as hospital grade must undergo the most rigorous testing. To earn hospital grade listing, these devices must demonstrate the highest reliability under the heaviest abuse.

For example in the **abrupt plug removal test** (as pictured), (UL498 Section SD21) conditioned receptacles are subjected to four angular pulls with 10 lb. weight (shown) and then must retain 4 oz. pin for one minute in ground contact.

Note: See page 23 for complete sampling of hospital grade tests.



Critical care and nurses' stations

Critical care

Challenge



Electrical Integrity

Reliable power quality is required by sensitive equipment, under repetitive abuse



Electrical Integrity

Dependable ground continuity of wiring devices protects both personnel and patients from compromised electrical connections



Environmental Durability

Corrosion resistance is a necessary feature where frequent washdowns result in excess moisture that can compromise performance



Ease of Installation

Replacement of wiring devices must be quick and easy in today's demanding healthcare environment

Solutions

Plugs & connectors

- Safety grip angled plugs have smooth, clear tapered body design eliminating snagging and allowing for quick visual inspection of conductors in terminations
- Ultra grip terminals located in individual chambers positively insulating conductors
- Ultra grip devices are clearly marked with rating, NEMA configuration and standard compliances

[Ultra grip series](#) [Quick grip series](#) [Safety grip series](#) [Auto grip series](#)

Receptacles

- Solid brass, nickel plated mounting strap with non-riveted, integral one-piece grounding system
- Screw terminal guards provide integral quick and easy terminal insulation

[AH8200 series](#) [AH8300 series](#) [AH8400 series](#) [AH8600 series](#)

Wallplates

- Available in 302/304 stainless steel, or chemically resistant nylon thermoplastic
- Standard size, mid-sized and oversized plates in a wide variety of configurations, including emergency identification

[5100 series](#) [93000 series](#) [94000 series](#) [EM series](#)



AH8215HG
Ultra grip plug



AH8215HGAC
Safety grip angled plug



7750
USB charging station



TR8262_S
Isolated ground SPD receptacle

Nurses' stations

Challenge



Electrical Integrity

Power quality and ground continuity of the devices delivering electricity is vital to monitoring equipment



Electrical Integrity

Power reliability that prevents interruption of services in any situation that could compromise patient care or damage sensitive equipment

Solutions

Receptacles

- USB charging station makes it quick and easy to charge tablets and other electronic devices
- Hospital grade isolated ground surge suppressor with exceptional clamping and surge current ratings. LED indicators and audible alarm indicates compromised ground connections or that surge protection has expired
- SPD surge suppressors integrated into isolated ground receptacles provide point-of-use protection for sensitive electronic equipment. Audible alarm signals when surge protection has expired; grounding system fully isolated from common building ground

[USB series](#) [AH8200 series](#) [AH8300 series](#) [AH8400 series](#)
[AH8600 series](#) [8300 series](#) [8200 series](#)

Mid-size screwless wallplates

- Clean, streamlined look with no visible screws; outer plate can be changed in seconds if a color change is desired
- Virtually unbreakable polycarbonate construction

[PJS series](#)

Pediatric care, patient rooms & examining rooms

Pediatric care

Challenge



Safety
Keeping children safe



Aesthetics
Removing the clinical and impersonal feel of healthcare environments

Solutions

Receptacles

- Lockout feature protects against miswiring and GFCI circuitry damage
- Automatically self-tests periodically to ensure GFCI protection; visual indicator lights give quick notification of a tripped or "end of life" condition
- Tamper resistant (TR) shutters help prevent foreign objects from being inserted

Tamper resistant GFCI 15A & 20A

Wallplates

- Available in 302/304 stainless steel, chemically resistant nylon thermoplastic or polycarbonate
- Standard size, mid-sized and oversized plates in a wide variety of configurations, including emergency identification

2000 series PJ series 5000 series

Extra heavy-duty grade switches

- Designed to provide the safest, most dependable switch performance
- Available in 15, 20 & 30 amp single- and double-pole, 3- and 4-way configurations

**1890 & 1990 series 3030 series
AH1100 series AH1200 series**



TRSGFH15
Tamper resistant GFCI



AH1221W
Extra heavy-duty toggle switch

Patient & examining rooms

Challenge



Electrical Integrity
Power quality directly correlates to the longevity of expensive portable equipment in today's clinical environment



Ease of Installation
Easy access to power in compact spaces



Aesthetics
Create healthcare environments that are less institutional for improved public and patient experiences



Aesthetics
Patient & examining rooms require task lighting for reading critical reports when overhead lighting is dimmed or turned off

Solutions

Receptacles

- Duplex receptacle with USB compatible charging ports to quickly and conveniently charge electronic devices
- Solid brass, nickel plated mounting strap with non-riveted, integral one-piece grounding system (AH series)
- Screw terminal guards provide integrated quick and easy terminal insulation (AH series)
- Extra heavy-duty, heavy-duty, standard, and decorator style receptacles available

**TR8355 USB Series AH8200 series AH8300 series 8300 series
AH8400 series AH8600 series 8200 series TR & non-TR series**

Illuminated switches

- Toggles glow for quick visual indication that a circuit is OFF
- Automatic grounding system to eliminate the need for bonding jumpers in metal boxes
- Automatic grounding system to eliminate the need for bonding jumpers in metal boxes

AH1200LT series



TR8355
Duplex USB receptacle



AH1221LT
Extra heavy-duty lighted toggle switch

Radiographic rooms, hallways & corridors

Radiographic rooms

Challenge



Electrical Integrity

The quality of the power is a vital factor in preventing possible electrical damage to highly sensitive and expensive radiographic equipment



Environmental Durability

Device durability directly equates to device longevity, a necessary factor in reducing equipment down-time



Ease of Installation

The safety of personnel, patients and the entire radiographic environment can often depend on secure device connections

Solutions

Receptacles

- SPD receptacles have hospital grade surge suppression with exceptional clamping and surge current ratings
- SPD devices have LED indicators and audible alarms to indicate bad ground connections or expired surge protection
- Isolated ground features an integral, one-piece solid brass, non-riveted grounding system; device ground isolated from the common building ground
- Isolated ground has high-impact and chemical-resistant nylon face
- Extra heavy-duty hospital grade receptacles feature solid brass, nickel plated mounting strap with non-riveted, integral one-piece grounding system
- Screw terminal guards provide integral quick and easy terminal insulation
- MRI receptacles constructed with non-ferrous materials are designed for use in any application where sensitive high-magnetic fields are present, such as MRI laboratories.

IG8400 series

IG8200 series

AH8400 series

TRIG8262 series

AH8300 series

IG8600 series

IG8300 series

MRI8300 series



TR8262_S
SPD receptacle



MRI8300
Duplex MRI receptacle

Hallways & corridors

Challenge



Environmental Durability

Durability is the key to an electrical device's ability to survive the frequent heavy loads, cleaning, impact and abusive interaction



Ease of Installation

Easy-to-install devices reduce labor time and cost while minimizing service disruption



Safety

Way finding in the dark

Solutions

Receptacles

- High-impact and chemical-resistant nylon face and back body for long-term durability
- Solid nickel plated brass blade contacts for lowest heat rise, long-term plug blade retention and corrosion resistance
- Exclusive screw terminal guards provide fast and easy insulation from conductive surfaces

AH8200 series

AH8300 series

AH8400 series

8300 series

8200 series

Dimmable nightlights

- Automated: Light sensor automatically turns the nightlight ON when it becomes dark and automatically turns the nightlight OFF when the room has light
- Dimmable: Press and hold to lower or raise the light level to desired intensity

7738 series

7737 series

Wallplates

- Standard size, mid-sized and oversized plates in a wide variety of configurations, including emergency identification

5100 series

93000 series

94000 series



AH8300
Duplex receptacle



7737
LED nightlight

Lobbies, waiting rooms, conference rooms & offices

Lobbies & waiting rooms

Challenge



Safety
Keeping children safe



Aesthetics
Create healthcare environments that are less institutional for improved patient experiences



Energy Efficient
Meeting energy efficiency standards

Solutions

Decorator devices

- Tamper resistant specification grade receptacles help keep children safe
- Broad line of devices that includes switches, receptacles and specialty devices
- USB duplex receptacle has charging ports to quickly and conveniently charge electronic devices

6200 series **6300 series** **6400 series** **6600 series** **7600 series**
8260 series **8360 series** **USB series**

Dual and half controlled receptacles

- NEMA approved controlled symbol and "controlled" pad printed on the face of the receptacle provides easy recognition of controlled outlet
- Offered in both dual and half controlled option for ease of use for one outlet or both
- Tamper resistant shutters help prevent foreign objects from being inserted

TR5200 series **TR5300 series** **TR6200 series** **TR6300 series**

Mid-sized screwless wallplates

- Clean, streamlined look with no visible screws; outer plate can be exchanged in seconds if a color change is desired
- Virtually unbreakable polycarbonate construction

PJS series



TR6252
Tamper resistant receptacle



TR5262CHW
Half-controlled receptacle

Conference rooms & offices

Challenge



Energy Efficient
Reducing electrical usage for cost containment



Customization
Optimizing light levels for presentations and meetings

Solutions

Lighting controls

- Dimmers and sensors are easy and quick to install and replace ordinary switches
- Contemporary design and energy savings offered in multiple styles
- Labor saving features to speed installation
- Can be wired as single pole or 3-way for maximum flexibility
- Occupancy sensor features include: auto ON/OFF, manual ON/OFF, adjustable built-in light sensor and selectable time delay

OSD10N **DF10P** **SF10P**

Mid-sized screwless wallplates

- Clean, streamlined look with no visible screws; outer plate can be changed in seconds if a color change is desired
- Available in toggle, duplex receptacle and decorator openings in a broad variety of colors and gangs

PJS series



OSD10N
Wall mount occupancy sensor



DF10P
Decorator dimmer

Public restrooms, patient bathrooms, kitchens & food service

Public restrooms & patient bathrooms

Challenge



Safety

Safety is a priority in areas where there is potential for electricity and water to interact



Safety

Keeping children safe

Solutions

GFCI receptacles

- Lockout feature protects against miswiring and GFCI circuitry damage
- Tamper resistant shutters help prevent foreign objects from being inserted
- When downstream GFCI receptacles are wired from the load side, a 20 amp feed-through rating offers full protection

TRSGFH series **SGFH series**

GFCI duplex receptacles with audible alarm

- Automatic grounding system eliminates need for bonding jumper in grounded metal enclosure
- Audible alarm indicates a trip incident, perfect for low traffic areas where LED indicators are not easily visible. ON/OFF switch to quiet alarm until replacement can be made
- Automatically self-tests periodically to ensure GFCI protection; visual indicator lights give quick notification of a tripped or "end of life" condition

TRSGFA series



TRSGFH15
Tamper resistant GFCI



TRSGFA15
Audible alarm GFCI

Kitchens & food service

Challenge



Safety

Safety is a priority in these heavily-used areas where there is potential for electricity and water to interact



Environmental Durability

Frequent cleansing and washdowns of food storage and preparation areas require tough devices that will deliver under frequent use and conditions containing moisture and chemicals

Solutions

Watertight receptacles

- Watertight receptacles are spring-loaded self-closing flip-lid covers and protects against water intrusion
- Watertight receptacles have a one-piece elastomeric liner and collar providing a multipoint watertight seal when properly mated with our watertight plug

GFCI duplex receptacles

- GFCIs meet the strict UL 943, UL 498 and hospital grade standards with dependability and ruggedness
- GFCIs available in 15 and 20 amp models with 20 amp feed-through ratings

TRSGF series **SGF series** **Complex environment series**

Watertight plugs & connectors

- Santoprene™ thermoplastic elastomeric exterior more durable than rubber and offers excellent insulation with a connector closure cap prevents contamination when device is not in use
- Corrosion resistant nickel plated contacts, blades and terminal screws
- Watertight seal withstands 1,000 psi spray when our plugs and connectors or plugs and receptacles are properly mated

Complex environment series

Wallplates

- Standard size, mid-sized and oversized plates in a wide variety of configurations, including emergency identification

5100 series **93000 series** **94000 series**



60W33DPLX
Watertight receptacles



L530PW
Watertight plug

Maintenance, physical plants & outdoor facility areas

Maintenance & physical plant areas

Challenge



Electrical Integrity

Power reliability is an absolute necessity for devices that enable basic facility comfort and critical services without interruption



Electrical Integrity

Color coding for voltage helps prevent connections of products operating on two separate systems, improving longevity of the equipment and operator safety



Environmental Durability

Exposure to moisture and contaminants can stop many electrical devices in their tracks interrupting service and risking injury

Solutions

Color coded locking devices

- Six color codes consistent with IEC 60309 standard to identify voltage ratings at a glance
- Ergonomic ultra grip design on plugs and connectors are easier to handle during use, double dovetail cord grips provide superior cord alignment and retention
- Heavy-duty glass reinforced nylon body reduces breakage, is heat stabilized and suitable for 105°C (221°F) continuous use
- One-piece brass alloy receptacle contacts provide excellent plug retention and continuity in grounding and power circuits
- Devices marked with rating, NEMA configuration and standard compliances

Arrow Hart color coded locking devices

Extra heavy-duty watertight and corrosion resistant straight blade devices

- Nickel plated blades, contacts, terminals, and straps for extra corrosion resistance
- Nylon bodies reduce breakage and provide excellent chemical resistance

Complex environment series

Motor controls & disconnects

- Dependable equipment control with a rugged horsepower-rated switch in a compact, durable, watertight NEMA Type 3R, 4X & 12 and IP69K rated stainless steel enclosure for high pressure & high temperature wash down environments
- OSHA lockout/tagout compliant and fulfills NEC® Article 430 requirements

X-Switch series Non-metallic rotary disconnect switch



AHCL520R
Color coded locking receptacle



AHCL520P
Color coded locking plug



AHDS30SSR
X-Switch disconnect switch



WLRS1
Industrial grade wet location cover

Outdoor facility areas

Challenge



Environmental Durability

Exposure to weather requires devices that can withstand UV radiation, windblown dust and dirt, moisture and the resulting risk of corrosion



Safety

Safety of patients, personnel and visitors with devices that limit the exposure of live current-carrying parts and prevent unauthorized access

Solutions

Extra heavy-duty watertight devices

- Use in areas with dust, dirt, moisture, chemicals, corrosion, UV radiation and water spray
- Withstands water spray up to 1,000 psi when devices are properly mated
- WLRS1 cover's self-closing spring door assures full protection when not in use

Complex environment series

Pin & sleeve and watertight mechanical interlocks

- Rugged housing provides superior corrosion and impact resistance NEMA Type 4X & 12 and IP69K rated
- Interlocked switch and overload protection in a single enclosure
- Designed for safety; will not allow a plug to be connected or disconnected while under load whether handle padlocked or not

Arrow Hart pin & sleeve series Mechanical interlock series

Extra heavy-duty corrosion resistant locking devices

- Nickel plated blades, contacts, terminals, and straps for extra corrosion resistance
- Nylon bodies reduce breakage and provide excellent chemical resistance

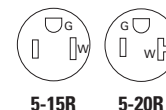
CRL series WR series WLRS series

Hospital grade GFCIs

Hospital grade self-test GFCI receptacles

Product description

2-pole, 3-wire grounding
15A, 125V/AC; 20A, 125V/AC
NEMA 5-15R, 5-20R



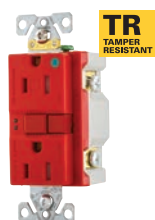
5-15R 5-20R

Design features

- Models are UL Listed, fully compliant with all latest UL 943 Class A GFCI and UL 498 hospital grade requirements
- Lock-out functionality prevents miswired line-load connections and GFCI circuitry damage
- Visual trip indicator light provides quick visual reference of a tripped or "end of life" condition
- When downstream receptacles are wired from load side, a 20A feed-through rating offers full protection
- Automatic grounding system eliminates need for bonding jumper in grounded metal enclosure, provides redundant measure of ground continuity where jumper is used
- Tamper resistant models in compliance with NEC Article 517.18(C) which states that all receptacles installed in pediatric wards be tamper resistant
- Tapered back wire openings handle multiple wire sizes and types for applications up to #10 AWG solid or stranded wire
- Matching standard size thermoplastic wallplate included
- Quick wire ArrowLink modular design available where indicated for added labor savings



SGFH15



TRSGFH15



SGFH20_MOD

Back & side wire



| Rating | A | V/AC | NEMA | Description | Color suffix | Catalog no. | | |
|--------|-----|------|--|---------------------|--------------|-------------|--|--|
| 15 | 125 | 5-15 | Duplex hospital grade GFCI receptacle | B, GY, LA, RD, V, W | □ SGFH15__ | | | |
| | | | Duplex hospital grade GFCI receptacle, USMCA compliant | B, GY, LA, RD, V, W | □ SGFH15F__ | | | |
| 20 | 125 | 5-20 | Duplex hospital grade GFCI receptacle | B, GY, LA, RD, V, W | □ SGFH20__ | | | |
| | | | Duplex hospital grade GFCI receptacle, USMCA compliant | B, GY, LA, RD, V, W | □ SGFH20F__ | | | |

Tamper resistant, back & side wire



| Rating | A | V/AC | NEMA | Description | Color suffix | Catalog no. | | |
|--------|-----|------|---|-------------------------|---------------|-------------|--|--|
| 15 | 125 | 5-15 | TR duplex hospital grade GFCI receptacle | B, BK, GY, LA, RD, V, W | □ TRSGFH15__ | | | |
| | | | TR duplex hospital grade GFCI receptacle, USMCA compliant | B, GY, LA, RD, V, W | □ TRSGFH15F__ | | | |
| 20 | 125 | 5-20 | TR duplex hospital grade GFCI receptacle | B, BK, GY, LA, RD, V, W | □ TRSGFH20__ | | | |
| | | | TR duplex hospital grade GFCI receptacle, USMCA compliant | B, GY, LA, RD, V, W | □ TRSGFH20F__ | | | |

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) |

Testing & code compliance: cULus Listed to UL 498 & UL 943, file no. E60120. Meets all UL 943 (GFCI) and UL 498 (receptacles, hospital grade) and applicable CSA requirements. NOM certified. **Material characteristics:** Nylon & PVC., Environmental: Flammability meets UL94 requirements; V2 rated, Temperature rating: -35°C to 66°C (-31°F to 150.8°F).

➡ ArrowLink option available. Add "MOD" suffix to standard catalog number (example TRSGFH20W, TRSGFH20WMOD). For ordering information on ArrowLink & ArrowLink SPD connectors, see Arrow Hart buyers guide.

➡ Indicates USMCA compliant TR Tamper resistant

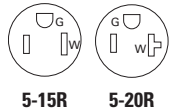
Compliances, specifications and availability are subject to change without notice.

Hospital grade SPD receptacles and ArrowLink connectors

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

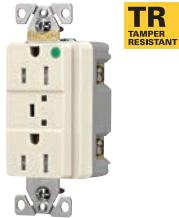


5-15R

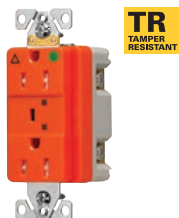
5-20R

Design features

- Provides surge protection for hot to neutral and hot to ground for enhanced flexibility
- High-impact thermoplastic construction provides enhanced reliability and durability
- 8-hole back and side wired for flexibility and ease of installation
- Shallow depth for easy installation
- Green LED indicators to verify surge protection and ground
- Audible alarm indicates compromised connection or that surge protection has expired
- Front access switch for muting audible alarm until device is replaced
- ArrowLink modular plug and connector provide high quality circuit connections and incorporate a first make and last break grounding design



TR8262__S



TRIG8262__S



MCR125STR



MCR300FTST

Surge protection receptacles with 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 | BK, BL, B, GY, LA, RD, V, W | TR8262__S | |
| | | | IG hospital grade duplex receptacle, back & side wire | BK, BL, B, GY, LA, RD, RN, V, W | TRIG8262__S | |
| 20 | 125 | 5-20R | Hospital grade duplex receptacle, back & side wire | BK, BL, B, GY, LA, RD, V, W | TR8362__S | • |
| | | | IG hospital grade duplex receptacle, back & side wire | BK, BL, B, GY, LA, RN, V, W | TRIG8362__S | • |

560 Joules, max. surge current - 18kA, MCOV - 150V/AC

Leaded ArrowLink connectors



| Device type | Description | Catalog no. |
|-------------|----------------------------|------------------------------------|
| Receptacle | Solid wire leads - 125V | <input type="checkbox"/> MCR125SOL |
| | Stranded wire leads - 125V | <input type="checkbox"/> MCR125STR |
| | Solid wire leads - 250V | <input type="checkbox"/> MCR250SOL |
| | Stranded wire leads - 250V | <input type="checkbox"/> MCR250STR |

ArrowLink SPD connectors



| Device type | Description | Wire range/type | Catalog no. |
|-------------|--|----------------------------------|---------------------------------------|
| Receptacle | Screw terminal | #12 - #14 AWG, Solid or stranded | <input type="checkbox"/> MCR300FTST |
| | Screw terminal, no ground conductor | #12 - #14 AWG, Solid or stranded | <input type="checkbox"/> MCR300FTSTNG |
| | Push-in connector | #12 - #14 AWG, Solid | <input type="checkbox"/> MCR300FTPI |
| | Push-in connector, no ground conductor | #12 - #14 AWG, Solid | <input type="checkbox"/> MCR300FTPING |

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), RN (Orange), V (Ivory), W (White)

| | | | | | | | | |
|---------|---------|--------|--------|--------------|-------|----------|---------|---------|
| B | BK | BL | GY | LA | RD | RN | V | W |
| (Brown) | (Black) | (Blue) | (Gray) | (Lt. Almond) | (Red) | (Orange) | (Ivory) | (White) |

Testing & code compliance: Listed to UL 1449 and UL 498, and C22.2, no. 8-M1986, CSA cert. Notice 516, tech info I-11B and A24, CSA C22.2 no. 42-99. File no. E2369. **Material characteristics:** Nylon., Environmental: Flammability meets UL 94 requirements; V2 rated., Temperature rating: -40°C to 60°C (-40°F to 140°F).

➡ ArrowLink option available. Add "M" suffix to standard catalog number (example AH8300W, AH8300WM). For ordering information on ArrowLink & ArrowLink SPD connectors, see Arrow Hart buyers guide.

TR Tamper resistant

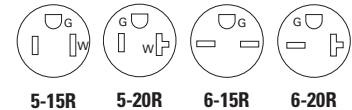
Compliances, specifications and availability are subject to change without notice.

Extra heavy-duty hospital grade straight blade receptacles

Extra heavy-duty hospital grade receptacles

Product description

2-pole, 3-wire grounding
15A, 125V/AC; 20A, 125V/AC
15A, 250V/AC; 20A, 250V/AC
NEMA 5-15R, 5-20R, 6-15R, 6-20R



AH8200



8310



AHTR8300

Design features

- Exclusive screw terminal guards provide fast, easy insulation from conductive surfaces (AH8200/AH8300)
- 0.050" (1.27mm) solid brass, nickel plated mounting strap with non-riveted, integral one-piece grounding system for highest durability - assures superior ground integrity and corrosion resistance under heaviest use (AH8200/AH8300)
- Exclusive 5-leaf nickel plated brass line contacts ensure lowest heat rise, smooth plug blade insertion, long-term retention and corrosion resistance (AH8200/AH8300)
- Rigid, glass reinforced nylon base lends ultimate strength and superior high heat resistance in contact carrier (AH8200/AH8300)
- High-impact and chemical-resistant nylon face provide enhanced durability and reliability
- Automatic grounding system eliminates need for bonding jumper in grounded metal enclosure, provides redundant measure of ground continuity where jumper used
- ArrowLink modular plug and connector provide high quality circuit connections and incorporate a first make and last break ground design
- Tamper resistant shutters provide compliance with 2017 and 2020 NEC® Article 517.18(C) that states that receptacles located in pediatric areas of a hospital must be tamper resistant.

Hospital grade receptacles, back & side wire



| Rating A | V/AC | NEMA | Description | Color suffix | Catalog no. | | |
|-------------|------|------|---|-------------------------|---------------|---|---|
| 15 | 125 | 5-15 | Duplex hospital grade receptacle [†] | B, BK, GY, RD, V, W | □ AH8200__* | • | |
| | | | Illuminated duplex hospital grade receptacle [†] | V, W | □ AH8200LT__* | • | |
| | | | Duplex hospital grade receptacle with short strap | W | □ AH8200__ | | |
| | | | Single hospital grade receptacle [°] | B, BK, GY, V, W | □ 8210__ | • | • |
| 15 | 250 | 6-15 | Duplex hospital grade receptacle [°] | V, W | □ AH8600__* | • | |
| | | | Single hospital grade receptacle [°] | V, W | □ 8610__ | | • |
| 20 | 125 | 5-20 | Duplex hospital grade receptacle [†] | B, BK, GY, LA, RD, V, W | □ AH8300__* | • | |
| | | | Illuminated duplex hospital grade receptacle [°] | RD, V | □ AH8300LT__* | • | |
| | | | Single hospital grade receptacle [°] | B, BK, RD, V, W | □ 8310__ | • | • |
| 20 | 250 | 6-20 | Duplex hospital grade receptacle [°] | B, GY, RD, V, W | □ AH8400__* | • | |
| | | | Single hospital grade receptacle [°] | B, BK, RD, V, W | □ 8410__ | | • |

[†] Pre-wired device available — consult your sales representative [°] Meet all UL, CSA & Federal Specifications, but differ in design and construction from duplexes noted above [°] Not NOM Certified *cULus Listed

Tamper resistant hospital grade receptacles, back & side wire



| Rating A | V/AC | NEMA | Description | Color suffix | Catalog no. | | |
|-------------|------|------|---|-------------------------|--------------|---|--|
| 15 | 125 | 5-15 | Tamper resistant duplex hospital grade receptacle | B, GY, RD, V, W | □ AHTR8200__ | • | |
| 20 | 125 | 5-20 | Tamper resistant duplex hospital grade receptacle | B, BK, GY, LA, RD, V, W | □ AHTR8300__ | • | |

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) |

Testing & code compliance: Listed to UL 498, file no. E15058, UL verified to Federal Spec. WC-596G, CSA certified to C22.2, no. 42, file no. 6914 (6233-01), NOM certified, except 8310, 8400, 8410, 8600, 8610.

Material characteristics: Nylon, Environmental: Flammability meets UL 94 requirements; V2 rated, Temperature rating: Duplex receptacles -20°C to 70°C (-4°F to 158°F), single receptacles -20°C to 60°C (-4°F to 140°F).

➡ ArrowLink option available. Add "M" suffix to standard catalog number (example AH8300W, AH8300WM). For ordering information on ArrowLink & ArrowLink SPD connectors, see Arrow Hart buyers guide.

Indicates USMCA compliant **TR** Tamper resistant

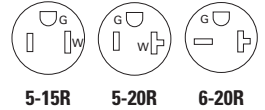
Compliances, specifications and availability are subject to change without notice.

Hospital grade isolated ground straight blade receptacles

Extra heavy-duty hospital grade MRI receptacles

Product description

2-Pole, 3-Wire, self-grounding
20A, 125V/AC; NEMA 5-20R



Design features

- All non-ferrous material construction, including brass screws, contacts, and strap
- Automatic grounding system eliminates need for bonding jumper in grounded metal enclosure
- 10-year limited warranty
- Smooth face and nylon top and back-body are virtually unbreakable to deliver years of reliable performance
- Wraparound brass mounting strap for added durability



MRI8300



IG8200



TRIG8300

Extra heavy-duty MRI receptacle, back & side wire



| Rating | | | | | | | |
|--------|------|------|--------------------------------------|--------------|-------------|--|--|
| A | V/AC | NEMA | Description | Color suffix | Catalog no. | | |
| 20 | 125 | 5-20 | Duplex MRI hospital grade receptacle | GY, RD, V, W | □ MRI8300__ | | |

Isolated ground hospital grade receptacles

Product description







2-pole, 3-wire isolated ground
15A, 125V/AC; 20A, 125V/AC; 20A, 250V/AC; NEMA 5-15R, 5-20R, 6-20R

Design features

- Exclusive screw terminal guards provide fast and easy insulation from conductive surfaces (duplex only)
- Exclusive 5-leaf, brass line contacts provide superior plug retention (duplex only)
- 0.030" (0.76mm) solid brass, non-riveted, integral one-piece isolated grounding shunt system assures ground integrity under heaviest use - isolated from common building ground (duplex only)
- High-impact and chemical-resistant nylon face provides enhanced reliability and durability
- Tapered lead-in slots on back wiring holes assist in gathering stranded wires for faster, more secure connections
- Automatic grounding system eliminates need for bonding jumper in grounded metal enclosure

Isolated ground, back & side wire





| Rating | | | | | | |
|--------|------|------|--|------------------|-----------------------------------|---|
| A | V/AC | NEMA | Description | Color suffix | Catalog no. |   |
| 15 | 125 | 5-15 | Hospital grade IG duplex receptacle | GY, RD, RN, V, W | <input type="checkbox"/> IG8200__ |  |
| | | | Hospital grade IG single receptacle ^ø | RN | <input type="checkbox"/> IG8210RN |  |
| 20 | 125 | 5-20 | Hospital grade IG duplex receptacle | GY, RD, RN, V, W | <input type="checkbox"/> IG8300__ |  |
| | | | Hospital grade IG single receptacle ^ø | RN | <input type="checkbox"/> IG8310RN |  |
| 20 | 250 | 6-20 | Hospital grade IG duplex receptacle | RN | <input type="checkbox"/> IG8400RN | |

[◇] Meet all UL, CSA & Federal specifications, but differ in design and construction from duplexes noted above

Tamper resistant isolated ground, back & side wire



| Rating | | | | | | |
|--------|------|------|--|------------------|-------------------------------------|---|
| A | V/AC | NEMA | Description | Color suffix | Catalog no. |   |
| 15 | 125 | 5-15 | TR hospital grade IG duplex receptacle | GY, RD, V, W | <input type="checkbox"/> TRIG8200__ | • |
| 20 | 125 | 5-20 | TR hospital grade IG receptacle | GY, RD, RN, V, W | <input type="checkbox"/> TRIG8300__ | • |

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) |

Testing & code compliance: Listed to UL 498, file no. E15058, UL verified to Federal Spec. WC-596G, CSA certified to C22.2, no. 42, file no. 6914 (6233-01). IG8210 & IG8310 series listed to UL 498, file no. E2369.

Material characteristics: Nylon, Environmental: Flammability meets UL 94 requirements; V2 rated, Temperature rating: -40°C to 60°C (-40°F to 140°F).

➡ ArrowLink option available. Add "M" suffix to standard catalog number (example AH8300W, AH8300WM). For ordering information on ArrowLink & ArrowLink SPD connectors, see Arrow Hart buyers guide.

TR Tamper resistant

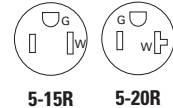
Compliances, specifications and availability are subject to change without notice.

Heavy-duty hospital grade straight blade receptacles

Heavy-duty hospital grade receptacles

Product description

2-pole, 3-wire grounding
15A, 125V/AC; 20A 125V/AC
NEMA 5-15R, 5-20R



8300



TR8200



8310M

Design features

- Tamper resistant shutters provide compliance with 2017 and 2020 NEC® Article 517.18(C) that states that receptacles located in pediatric areas of a hospital must be tamper resistant
- 0.037" (0.94mm) triple-wipe brass line contacts provide excellent long-term plug blade retention (TR8200/TR8300)
- High-impact and chemical-resistant nylon face provide enhanced durability and reliability
- All terminal (H-N-G) and mounting screws triple combination (Slot/Phillips/Robertson) head for maximum installer flexibility
- Automatic grounding system eliminates need for bonding jumper in grounded metal enclosure, provides redundant measure of ground continuity where jumper used

Back & side wire



| Rating | | NEMA | Description | Color suffix | Catalog no. | | |
|--------|------|------|-----------------------------------|---------------------|-------------|---|---|
| A | V/AC | | | | | | |
| 15 | 125 | 5-15 | Duplex hospital grade receptacle† | B, GY, RD, V, W | □ 8200__ | • | • |
| 20 | 125 | 5-20 | Duplex hospital grade receptacle† | B, GY, LA, RD, V, W | □ 8300__ | • | • |

† Pre-wired device available — consult your sales representative

Tamper resistant, back & side wire



| Rating | | NEMA | Description | Color suffix | Catalog no. | | |
|--------|------|------|-------------------------------------|-----------------|-------------|---|--|
| A | V/AC | | | | | | |
| 15 | 125 | 5-15 | TR duplex hospital grade receptacle | GY, RD, V, W | □ TR8200__ | • | |
| 20 | 125 | 5-20 | TR duplex hospital grade receptacle | B, GY, RD, V, W | □ TR8300__ | • | |

Special use panel-mount single receptacles

Design features

- Exclusive 5-leaf nickel plated brass line contacts ensure lowest heat rise, smooth plug blade insertion, long-term retention and corrosion resistance
- High-impact and chemical-resistant nylon body and face provide enhanced durability and reliability
- 1.9375" (49.21mm) center-to-center mounting distances are tapped #8-32
- Wrap-around mounting strap locked into base of device for secure connections

Back & side wire - short strap



| Rating | | NEMA | Description | Color suffix | Catalog no. | | |
|--------|------|------|----------------------------------|--------------|-------------|---|--|
| A | V/AC | | | | | | |
| 15 | 125 | 5-15 | Panel mount HG single receptacle | V | □ 8210M__ | • | |
| 20 | 125 | 5-20 | Panel mount HG single receptacle | RD, V | □ 8310M__ | • | |

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) |

Testing & code compliance: Listed to UL 498, file no. E15058, UL verified to Federal Spec. WC-596G. CSA certified to C22.2, no. 42. For TR8200 & TR8300 - cULus Listed to UL 498 and C22.2 no. 42-10 and Federal Spec. WC-596G.

Material characteristics: Nylon, Environmental: Flammability meets UL 94 requirements; V2 rated, Temperature rating: Duplex receptacles -20°C to 70°C (-4°F to 158°F), single receptacles -40°C to 75°C (-40°F to 165°F).

➡ ArrowLink option available. Add "M" suffix to standard catalog number (example AH8300W, AH8300WM).
For ordering information on ArrowLink & ArrowLink SPD connectors, see Arrow Hart buyers guide.

➡ Indicates USMCA compliant **TR** Tamper resistant

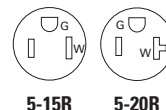
Compliances, specifications and availability are subject to change without notice.

Extra heavy-duty hospital grade decorator duplex receptacles

Extra heavy-duty hospital grade decorator duplex receptacles

Product description

2-pole, 3-wire grounding
15A, 125V/AC; 20A, 125V/AC
NEMA 5-15R, 5-20R



5-15R 5-20R

Design features

- Exclusive 5-leaf, brass line contacts provide consistent performance and superior plug retention
- Rigid, glass reinforced nylon base lends ultimate strength and superior high heat resistance in contact carrier
- 0.050" (1.27mm) solid brass mounting strap with non-riveted, integral one-piece grounding system for highest durability - assures superior ground integrity and corrosion resistance under heaviest use (8262 & 8362 series)
- 0.030" (0.76mm) solid brass, non-riveted, integral one-piece isolated grounding shunt system assures ground integrity under heaviest use - isolated from common building ground (IG8262 & IG8362)
- ArrowLink modular plug and connector provide high quality circuit connections and incorporate a first make and last break grounding design
- Tapered back wiring lead-in slots assist in gathering stranded wires for faster, more secure connections
- Exclusive screw terminal guards provide fast, easy insulation from conductive surfaces
- Automatic grounding system eliminates need for bonding jumper in grounded metal enclosure, provides redundant measure of ground continuity where jumper is used
- Long-life neon bulb in illuminated devices easily locates emergency circuits (LT only)



8362




TR8362



IG8362

Back & side wire



| Rating | | | | | | | |
|--------|------|------|--|---------------------|-------------|--|---|
| A | V/AC | NEMA | Description | Color suffix | Catalog no. | |  |
| 15 | 125 | 5-15 | Decorator duplex hospital grade receptacle | GY, RD, V, W | □ 8262__ | | • |
| | | | Illuminated decorator duplex hospital grade receptacle | V, W | □ 8262LT__ | | • |
| 20 | 125 | 5-20 | Decorator duplex hospital grade receptacle | B, BK, GY, RD, V, W | □ 8362__ | | • |
| | | | Illuminated decorator duplex hospital grade receptacle | RD, V, W | □ 8362LT__ | | • |


Tamper resistant, back & side wire



| Rating | | | | | | |
|--------|------|------|---|---------------------|-----------------------------------|---|
| A | V/AC | NEMA | Description | Color suffix | Catalog no. |  |
| 15 | 125 | 5-15 | Tamper resistant decorator duplex hospital grade receptacle | GY, RD, V, W | <input type="checkbox"/> TR8262__ |  |
| 20 | 125 | 5-20 | Tamper resistant decorator duplex hospital grade receptacle | B, BK, GY, RD, V, W | <input type="checkbox"/> TR8362__ |  |

Isolated ground, back & side wire



| Rating | | | | | | |
|--------|------|------|---|--------------|-------------|---|
| A | V/AC | NEMA | Description | Color suffix | Catalog no. |  |
| 15 | 125 | 5-15 | IG decorator duplex hospital grade receptacle | GY, RN, V, W | □ IG8262__ | • |
| 20 | 125 | 5-20 | IG decorator duplex hospital grade receptacle | GY, RN, V, W | □ IG8362__ | • |

Tamper resistant, isolated ground, back & side wire



| Rating | | | | | | |
|--------|------|------|--|--------------|-------------------------------------|---|
| A | V/AC | NEMA | Description | Color suffix | Catalog no. |  |
| 15 | 125 | 5-15 | Tamper resistant IG Decorator duplex hospital grade receptacle | GY, RN, V, W | <input type="checkbox"/> TRIG8262__ | |
| 20 | 125 | 5-20 | Tamper resistant IG Decorator Duplex hospital grade receptacle | GY, RN, V, W | <input type="checkbox"/> TRIG8362__ |  |

Color ordering information

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

| | | | | | | |
|---------|---------|--------|-------|----------|---------|---------|
| B | BK | GY | RD | RN | V | W |
| (Brown) | (Black) | (Gray) | (Red) | (Orange) | (Ivory) | (White) |

Testing & code compliance: Listed to UL 498, file no. E15058, UL verified to Federal Spec. WC-596G, CSA certified to C22.2, no. 42, file no. 6914 (6233-01), NOM Certified. **Material characteristics:** Nylon, Environmental: Flammability meets UL 94 requirements; V2 rated, Temperature rating: -20°C to 70°C (-4°F to 158°F).

➡ ArrowLink option available. Add "M" suffix to standard catalog number (example AH8300W, AH8300WM). For ordering information on ArrowLink & ArrowLink SPD connectors, see Arrow Hart buyers guide.

TR Tamper resistant

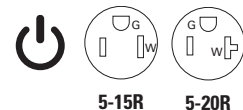
Compliances, specifications and availability are subject to change without notice.

Heavy-duty controlled receptacles

Heavy-duty controlled receptacles

Product description

2-pole, 3-wire grounding
15A 125V/AC; 20A 125V/AC
NEMA 5-15, 5-20

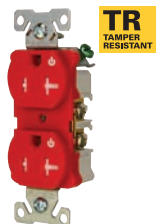


Design features

- Permanent, NEMA approved controlled symbol and “controlled” pad printed on the face of the receptacle provides easy recognition of controlled outlet
- Offered in both dual and half controlled options for ease of use for one outlet or both
- High impact and chemical-resistant nylon face maintains receptacle integrity
- Convenient built-in #10 and #12 AWG wire strippers for easy wiring
- All terminal and mounting screws triple combination (Slot/Phillips/Robertson) head for maximum installer flexibility
- Automatic grounding system eliminates need for bonding jumper in grounded metal enclosures
- Extra long and wide mounting strap maintains assembly security and helps reach oversize cutouts



5362CH



TR5362CD



TR6352CD

Half controlled receptacle, back & side wire



| Rating | | NEMA | Description | Color suffix | Catalog no. | |
|--------|------|-------|--|-----------------------------|-------------------------------------|--|
| A | V/AC | | | | | |
| 15 | 125 | 5-15R | Half controlled duplex receptacle | B, BK, GY, GN, V, W | <input type="checkbox"/> 5262CH__ | |
| | | | Half controlled duplex receptacle | B, BK, GY, LA, V, W | <input type="checkbox"/> 6252CH__ | |
| | | | Tamper resistant half controlled duplex receptacle | GN, GY, V, W | <input type="checkbox"/> TR5262CH__ | |
| | | | Tamper resistant half controlled duplex receptacle | LA, V, W | <input type="checkbox"/> TR6252CH__ | |
| | | | Half controlled duplex receptacle | BK, GY, RD, V, W | <input type="checkbox"/> 6352CH__ | |
| 20 | 125 | 5-20R | Half controlled duplex receptacle | B, BK, GY, GN, RD, LA, V, W | <input type="checkbox"/> 5362CH__ | |
| | | | Tamper resistant half controlled duplex receptacle | B, BK, GY, GN, RD, LA, V, W | <input type="checkbox"/> TR5362CH__ | |
| | | | Tamper resistant half controlled duplex receptacle | B, BK, GY, LA, V, W | <input type="checkbox"/> TR6352CH__ | |

Dual controlled receptacle, back & side wire



| Rating | | NEMA | Description | Color suffix | Catalog no. | |
|--------|------|-------|--|-------------------------|-------------------------------------|---|
| A | V/AC | | | | | |
| 15 | 125 | 5-15R | Dual controlled duplex receptacle | B, BK, GY, RD, V, W | <input type="checkbox"/> 5262CD__ | |
| | | | Dual controlled duplex receptacle | B, BK, GY, LA, RD, V, W | <input type="checkbox"/> 6252CD__ | |
| | | | Tamper resistant dual controlled duplex receptacle | B, BK, GY, RD, V, W | <input type="checkbox"/> TR5262CD__ | • |
| | | | Tamper resistant dual controlled duplex receptacle | LA, V, W | <input type="checkbox"/> TR6252CD__ | • |
| | | | Dual controlled duplex receptacle | B, BK, GY, RD, V, W | <input type="checkbox"/> 6352CD__ | • |
| 20 | 125 | 5-20R | Dual controlled duplex receptacle | B, BK, GY, LA, RD, V, W | <input type="checkbox"/> 5362CD__ | • |
| | | | Tamper resistant dual controlled duplex receptacle | B, BK, GY, RD, LA, V, W | <input type="checkbox"/> TR5362CD__ | • |
| | | | Tamper resistant dual controlled duplex receptacle | B, BK, GY, LA, V, W | <input type="checkbox"/> TR6352CD__ | • |

Color ordering information

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

| | | | | | | | |
|----------|-----------|-----------|-----------|--------------|-----------|----------|----------|
| B | BK | GN | GY | LA | RD | V | W |
| (Brown) | (Black) | (Green) | (Gray) | (Lt. Almond) | (Red) | (Ivory) | (White) |

Testing & code compliance: Listed to UL 498, file no. E15058. UL verified to Federal Spec. WC-596G. CSA certified to C22.2, no. 42, file no. 6914 (6233-01). NOM certified except 5662C. National Electric Code CA Title 24, and ASHRAE Energy Efficiency Standard 90.1

➡ ArrowLink option available. Add “MOD” suffix to standard catalog number (example TRSGFH20W, TRSGFH20WMOD). For ordering information on ArrowLink & ArrowLink SPD connectors, see Arrow Hart buyers guide.

TR Tamper resistant

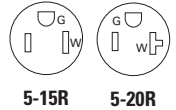
Compliances, specifications and availability are subject to change without notice.

USB charging devices

Hospital grade combination USB receptacle

Product description

2-pole, 3-wire grounding
15A, 125V, 5V/DC, 3.1A
20A, 125V, 5V/DC, 3.1A
NEMA 5-15R & 5-20R



TR8255



TR8355



7750

Design features

- Hospital grade AC duplex receptacle with two USB charging ports rated at 3.1A
- USB duplex receptacle has charging ports to quickly and conveniently charge electronic devices
- Three pre-stripped 6" wire leads for line, neutral and ground for quick and easy installation
- Tamper resistant shutters provide compliance with 2017 and 2020 NEC® Article 517.18(C) that states that receptacles located in pediatric areas of a hospital must be tamper resistant
- Automatic grounding system eliminates need for bonding jumper in grounded metal enclosure, provides redundant measure of ground continuity where jumper is used
- Thermoplastic top and back-body are virtually unbreakable to deliver years of durable performance
- Replaces a standard duplex receptacle, for flexibility and ease of installation

Pre-stripped wire leads



| Rating | | | | Description | Color suffix | Catalog no. |
|--------|------|-----|------|--|------------------|-----------------------------------|
| A | V/AC | A | V/DC | | | |
| 15 | 125 | 3.1 | 5 | USB charger with hospital grade tamper resistant duplex receptacle | GY, LA, RD, V, W | <input type="checkbox"/> TR8255__ |
| 20 | 125 | 3.1 | 5 | USB charger with hospital grade tamper resistant duplex receptacle | GY, LA, RD, V, W | <input type="checkbox"/> TR8355__ |

USB charging station

Product description

In: 120V/AC, 60 Hz, 0.45A
Out: 5V/DC, 5.0A total

Design features

- Four USB charging ports, rated at 5.0 Amps total, charge most compatible electronic devices that charge via a 5V power adapter
- Three pre-stripped 6" wire leads for line, neutral and ground for quick and easy installation
- Replaces a standard duplex receptacle, providing USB power in the same form factor as a decorator receptacle

Pre-stripped wire leads



| Rating | | Description | Color suffix | Catalog no. |
|-----------|------|-----------------------------|------------------|---------------------------------|
| A | V/DC | | | |
| 5.0 total | 5 | USB 4-port charging station | BK, GY, LA, V, W | <input type="checkbox"/> 7750__ |

Color ordering information

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

| | | | | | |
|---------|--------|--------------|-------|---------|---------|
| BK | GY | LA | RD | V | W |
| (Black) | (Gray) | (Lt. Almond) | (Red) | (Ivory) | (White) |

Testing & code compliance: TR8255 & TR8355: cULus listed to UL 498 and CSA 22.2 no. 42-99, file no. E15058.

7750: UL listed to UL 1310, file no. E362460, CSA listed to C22.2 no.42-10, C22.2 no. 182.3 - M 1987, C22.2 no. 223-M91 file no. LR6914-6233-01. **Material characteristics:** Combination USB/receptacle Environmental: Flammability meets UL 94 requirements; V2 rated. Temperature rating: -20°C to 60°C (-4°F to 140°F). USB charging station Environmental: Flammability meets UL 94 requirements; 5V rated, Temperature rating: -20°C to 60°C (-4°F to 140°F).



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

0-10V dimmer sensors & commercial wallbox sensors

Wallbox sensors

Design 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
- For use with incandescent lamps, halogen fixtures, electronic and magnetic fluorescent ballasts, and electrical motor loads
- 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
- Wallplate included with OSP10 & OSD10 models
- Fits standard size decorator wallplate
- Title 24 compliant



OSP10



OSP10M



OSD10DN

Wire leads – wall mount PIR with instinct (no neutral)



| Coverage area | Description | Color suffix | Catalog no. | TITLE 24 |
|---|--|------------------|-------------|----------|
| 1000 sq. ft. major motion (92.2 sq. m) 300 sq. ft. minor motion (27.9 sq. m) | 180° passive infrared single relay occupancy sensing wall switch | BK, GY, LA, V, W | □ OSP10-__ | • |
| | 180° passive infrared dual relay occupancy sensing wall switch | BK, GY, LA, V, W | □ OSP10D-__ | • |

cULus listed

Wire leads – wall mount PIR (no neutral)



| Coverage area | Description | Color suffix | Catalog no. | TITLE 24 |
|---|--|------------------|-------------|----------|
| 1000 sq. ft. major motion (92.2 sq. m) 300 sq. ft. minor motion (27.9 sq. m) | 180° passive infrared single relay occupancy sensing wall switch | BK, GY, LA, V, W | □ OSP10M-__ | • |

cULus listed

Wire leads – wall mount dual tech with instinct (neutral required)



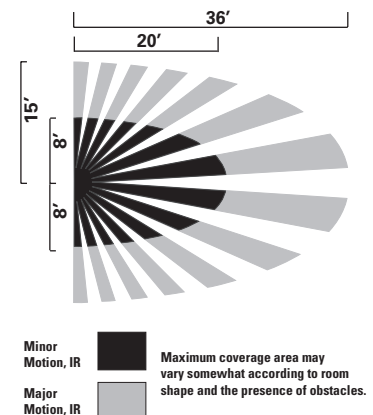
| Coverage area | Description | Color suffix | Catalog no. | TITLE 24 |
|---|---|------------------|--------------|----------|
| 1000 sq. ft. major motion (92.2 sq. m) 300 sq. ft. minor motion (27.9 sq. m) | 180° dual tech single relay occupancy sensing wall switch | BK, GY, LA, V, W | □ OSD10N-__ | • |
| | 180° dual tech dual relay occupancy sensing wall switch | BK, GY, LA, V, W | □ OSD10DN-__ | • |

cULus listed

Electronic specifications

| OSP10, OSP10D, OSD10N, OSD10DN | OSP10M |
|--|--|
| Power requirements: 120/277V/AC @ 60Hz | Power requirements: 120/277V/AC @ 60Hz |
| Maximum load: Incandescent/halogen: @120V/AC, 6.7A, 800W, 60Hz Fluorescent: @120V/AC, 10A, 1200W, 60Hz @277V/AC, 9.8A, 2700W, 60Hz Motor: @120V/AC, 1/4 HP @125 V/AC | Maximum load: Incandescent/halogen: @120V/AC, 60Hz, 15A, 1800W Magnetic ballast (Fluorescent, MLV): @120V/AC, 60Hz, 15A, 1800VA @277V/AC, 60Hz, 8A, 2200VA Electronic ballast (Fluorescent, CFL/LED/ELV lighting): @120V/AC, 60Hz, 10A, 1200VA @277V/AC, 60Hz, 8A, 2200VA Motor: @120V/AC, 60Hz, 1/2 Hp |

Coverage area



Color ordering information

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

| | | | | |
|-----------|-----------|----------------|----------|----------|
| BK | GY | LA | V | W |
| (Black) | (Gray) | (Light Almond) | (Ivory) | (White) |

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

Commercial grade dimmer sensors & LED nightlights

Occupancy & vacancy dimmer sensors

Product description

Single pole & 3-way
10A @ 120V/AC
8A @ 277V/AC
0-10VDC **FLR** and **LED** ballasts

Design features

- 3 in 1 device combining dimming, switching and motion sensing
- Digital PIR sensor for occupancy (Auto ON/Auto OFF) and vacancy (Manual ON/Auto OFF) sensing
- Provides 180 degree field of view and 1000 sq. ft. of major motion coverage
- Selectable time delay of 15 seconds (Test mode, changes to 2 minutes after 2 minutes of powering up), 5 minutes (factory default), 15 minutes and 20 minutes
- Occupancy Sensor version can be toggled between Auto ON/Auto OFF or Manual ON/Auto OFF
- Neutral required for installation of device
- Compatible with any decorator wallplate or screwless decorator wallplate
- Title 24 compliant
- Selectable ambient light override in occupancy sensor models



OS10D7W



7738



7737

Occupancy & vacancy dimmer sensors

cULus

NOM 426

TITLE 24 compliant

| Description | Compatible lamp types | Rating Watt | V/AC | Color suffix | Catalog no. | TITLE 24 |
|---|-----------------------|-------------|------------|------------------|-------------|----------|
| Occupancy sensor & dimmer with LED single pole/3-way preset | 0-10VDC LED/FLR | 1200 | 120 277 | BK, GY, LA, V, W | □ OS10D7-__ | • |
| Vacancy sensor & dimmer with LED single pole/3-way preset | 0-10VDC LED/FLR | 1200 | 120 277 | BK, GY, LA, V, W | □ VS10D7-__ | • |

Patrol combination wallbox nightlights

Product description

Single pole switch
1W nightlight
15A, 120V/AC

Design features

- Provides added safety by improving way-finding in the dark
- Easily adjustable light levels — press and hold to lower or raise the light level to desired intensity
- Automated light sensor turns the nightlight ON when it becomes dark and OFF when the room has light
- Easily disabled photo sensor for Hi/Med/Low/Off settings
- Can be wired in series and controlled by a switch for applications such as a hallway or stairway
- Way-finding to meet the needs of a growing senior population by providing improved and safer home navigation
- Thermoplastic top and back-body 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

Patrol combination wallbox LED nightlights, back & side wire

cULus

NOM 426

| Rating A | V/AC | Watts | Description | Color suffix | Catalog no. |
|----------|------|-------|--|--------------|-------------|
| 15 | 120 | 1 | One single pole switch with LED nightlight | BK, LA, V, W | □ 7738__ |
| — | 120 | 1 | Full LED nightlight | BK, LA, V, W | □ 7737__ * |

*Not NOM Certified

Color ordering information

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

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

Testing & code compliance: cULus Listed to UL 1472, file no. E47967. **Material characteristics:** PVC, Environmental: Flammability meets UL 94 requirements; V2 rated, Temperature rating: -20°C to 60° (-4°F to 140°F).

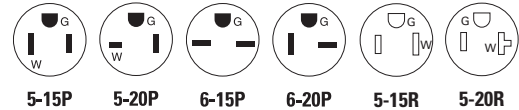
Compliances, specifications and availability are subject to change without notice.

Hospital grade plugs & connectors

Hospital grade plugs & connectors

Product description

2-pole, 3-wire grounding
15A, 125V/AC; 20A, 125V/AC
15A, 250V/AC; 20A, 250V/AC
NEMA 5-15, 5-20, 6-15, 6-20



Design features

- Rated and marked "Hospital Grade" and identified with a green dot symbol for easy identification
- Back-wired dead-front construction for a secure wiring solution
- EPDM gasket seals cord hole on ultra grip plugs and connectors to ensure strong sealing of wiring chamber
- Dual dovetail design on ultra grip series provides for superior cord grip alignment and retention
- Removable inserts on ultra grip series and dual range cord grip clamps on safety grip series
- Combination head screws: U.S. Phillips/Slotted; Canadian Robertson/Slotted
- Quick grip single-piece hinged body reduces number of assembly screws to speed installation
- Auto grip plugs and connectors feature automatic cord grip assembly clamps the flexible cord to reduce wiring time, saving time and money



AH8215HG



AH8215HGC



AH8215HGAC



AH8115W



5266NHG



5269NHG

Hospital grade plugs & connectors



| Rating | | A | V/AC | NEMA | Description | Cord diameter | Color suffix | Catalog no. | |
|--------|-----|------|------|------|-----------------------------------|--------------------------|--------------|--------------|---|
| 15 | 125 | 5-15 | | | Ultra grip plug | 0.30"-0.66" (7.6-16.7mm) | BK & W | □ AH8215HG | • |
| | | | | | Safety grip plug | 0.30"-0.66" (7.6-16.7mm) | C | □ AH8215HGC | • |
| | | | | | Safety grip angled plug | 0.30"-0.66" (7.6-16.7mm) | BK & W | □ AH8215HGA | • |
| | | | | | Safety grip angled plug | 0.30"-0.66" (7.6-16.7mm) | C | □ AH8215HGAC | • |
| | | | | | Quick grip plug | 0.22"-0.67" (5.6-16.9mm) | W | □ AH8115W | |
| | | | | | Auto grip straight body plug | 0.30"-0.66" (7.6-16.7mm) | BK & W | □ 5266NHG | |
| | | | | | Auto grip isolated ground plug | 0.30"-0.66" (7.6-16.7mm) | RN | □ IG5266NHG | |
| | | | | | Ultra grip connector | 0.30"-0.66" (7.6-16.7mm) | BK & W | □ AH8219HG | • |
| | | | | | Safety grip connector | 0.30"-0.66" (7.6-16.7mm) | C | □ AH8219HGC | • |
| | | | | | Quick grip connector | 0.22"-0.67" (5.6-16.9mm) | W | □ AH8119W | • |
| | | | | | Auto grip straight body connector | 0.30"-0.66" (7.6-16.7mm) | BK & W | □ 5269NHG | • |
| 15 | 250 | 6-15 | | | Safety grip angled plug | 0.30"-0.66" (7.6-16.7mm) | BK & W | □ AH8225HGA | |
| | | | | | Safety grip angled plug | 0.30"-0.66" (7.6-16.7mm) | C | □ AH8225HGAC | |
| 20 | 125 | 5-20 | | | Ultra grip plug | 0.30"-0.66" (7.6-16.7mm) | BK & W | □ AH8315HG | • |
| | | | | | Safety grip angled plug | 0.30"-0.66" (7.6-16.7mm) | BK & W | □ AH8315HGA | • |
| | | | | | Safety grip angled plug | 0.30"-0.66" (7.6-16.7mm) | C | □ AH8315HGAC | • |
| | | | | | Auto grip straight body plug | 0.30"-0.66" (7.6-16.7mm) | BK & W | □ 5366NHG | • |
| | | | | | Ultra grip connector | 0.30"-0.66" (7.6-16.7mm) | BK & W | □ AH8319HG | • |
| | | | | | Auto grip straight body connector | 0.30"-0.66" (7.6-16.7mm) | BK & W | □ 5369NHG | • |
| 20 | 250 | 6-20 | | | Safety grip angled plug | 0.30"-0.66" (7.6-16.7mm) | BK & W | □ AH8325HGA | • |
| | | | | | Safety grip angled plug | 0.30"-0.66" (7.6-16.7mm) | C | □ AH8325HGAC | • |

Color ordering information

BK (Black), RN (Orange), C (Clear), W (White)

| | | | |
|-----------|-----------|----------|----------|
| BK | RN | C | W |
| (Black) | (Orange) | (Clear) | (White) |

Testing & code compliance: Listed to UL 498, file no. E3663, E146159 (Quick grip series), UL verified to Federal Spec. WC-596F, CSA certified to C22.2, no. 42. (Quick grip series). **Material characteristics:** Nylon, Environmental: Flammability meets UL 94 requirements; Quick grip V2 rated, auto grip V2 rated, Temperature rating: quick grip -40°C to 75°C (-40°F to 167°F).

Indicates USMCA compliant

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

Arrow Hart color coded ultra grip locking devices

20A Industrial grade locking devices



Plug



Connector



Receptacle



Flanged inlet



Flanged outlet

| Pole-Wire | NEMA | V/AC | Color | Plug | Connector | Receptacle | Flanged Inlet | Flanged Outlet |
|-----------|---------------|---------------------|---------------------------------|-----------|-----------|------------|---------------|----------------|
| 2P-3W | L5-20 | L5-20R L5-20P | 125 Yellow & black | AHCL520P | AHCL520C | AHCL520R | AHCL520FI | AHCL520FO |
| | L6-20 | L6-20R L6-20P | 250 Blue & black | AHCL620P | AHCL620C | AHCL620R | AHCL620FI | AHCL620FO |
| | L7-20 | L7-20R L7-20P | 277 Gray & black | AHCL720P | AHCL720C | AHCL720R | AHCL720FI | AHCL720FO |
| | L8-20 | L8-20R L8-20P | 480 Red & black | AHCL820P | AHCL820C | AHCL820R | AHCL820FI | AHCL820FO |
| 3P-3W | L10-20 | L10-20R L10-20P | 125/250 Orange & black | AHCL1020P | AHCL1020C | AHCL1020R | AHCL1020FI | AHCL1020FO |
| | L11-20 | L11-20R L11-20P | 3ØY 250 Blue & black | AHCL1120P | AHCL1120C | AHCL1120R | AHCL1120FI | AHCL1120FO |
| 3P-4W | L14-20 | L14-20R L14-20P | 125/250 Orange & black | AHCL1420P | AHCL1420C | AHCL1420R | AHCL1420FI | AHCL1420FO |
| | L15-20 | L15-20R L15-20P | 3ØY 250 Blue & black | AHCL1520P | AHCL1520C | AHCL1520R | AHCL1520FI | AHCL1520FO |
| | L16-20 | L16-20R L16-20P | 3ØY 480 Red & black | AHCL1620P | AHCL1620C | AHCL1620R | AHCL1620FI | AHCL1620FO |
| 4P-4W | L18-20 | L18-20R L18-20P | 3ØY 120/208 Blue & black | AHCL1820P | AHCL1820C | AHCL1820R | AHCL1820FI | AHCL1820FO |
| | L19-20 | L19-20R L19-20P | 3ØY 277/480 Red & black | AHCL1920P | AHCL1920C | AHCL1920R | AHCL1920FI | AHCL1920FO |
| | L20-20 | L20-20R L20-20P | 3ØY 347/600 Black & black | AHCL2020P | AHCL2020C | AHCL2020R | AHCL2020FI | AHCL2020FO |
| 4P-5W | L21-20 | L21-20R L21-20P | 3ØY 120/208 Blue & black | AHCL2120P | AHCL2120C | AHCL212R | AHCL2120FI | AHCL2120FO |
| | L22-20 | L22-20R L22-20P | 3ØY 277/480 Red & black | AHCL2220P | AHCL2220C | AHCL2220R | AHCL2220FI | AHCL2220FO |
| | L23-20 | L23-20R L23-20P | 3ØY 347/600 Black & black | AHCL2320P | AHCL2320C | AHCL2320R | AHCL2320FI | AHCL2320FO |

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

Arrow Hart color coded ultra grip locking devices

30A Industrial grade locking devices



Plug



Connector



































Receptacle



Flanged inlet



Flanged outlet

| Pole-Wire | NEMA | | V/AC | Color | Plug | Connector | Receptacle | Flanged Inlet | Flanged Outlet |
|-----------|--------|---|----------------|----------------|-----------|-----------|------------|---------------|----------------|
| 2P-3W | L5-30 |   L5-30R L5-30P | 125 | Yellow & black | AHCL530P | AHCL530C | AHCL530R | AHCL530FI | AHCL530FO |
| | L6-30 |   L6-30R L6-30P | 250 | Blue & black | AHCL630P | AHCL630C | AHCL630R | AHCL630FI | AHCL630FO |
| | L7-30 |   L7-30R L7-30P | 277 | Gray & black | AHCL730P | AHCL730C | AHCL730R | AHCL730FI | AHCL730FO |
| | L8-30 |   L8-30R L8-30P | 480 | Red & black | AHCL830P | AHCL830C | AHCL830R | AHCL830FI | AHCL830FO |
| 3P-3W | L10-30 |   L10-30R L10-30P | 125/250 | Orange & black | AHCL1030P | AHCL1030C | AHCL1030R | AHCL1030FI | AHCL1030FO |
| | L11-30 |   L11-30R L11-30P | 3ØY 250 | Blue & black | AHCL1130P | AHCL1130C | AHCL1130R | AHCL1130FI | AHCL1130FO |
| 3P-4W | L14-30 |   L14-30R L14-30P | 125/250 | Orange & black | AHCL1430P | AHCL1430C | AHCL1430R | AHCL1430FI | AHCL1430FO |
| | L15-30 |   L15-30R L15-30P | 3ØY 250 | Blue & black | AHCL1530P | AHCL1530C | AHCL1530R | AHCL1530FI | AHCL1530FO |
| | L16-30 |   L16-30R L16-30P | 3ØY 480 | Red & black | AHCL1630P | AHCL1630C | AHCL1630R | AHCL1630FI | AHCL1630FO |
| | L17-30 |   L17-30R L17-30P | 3ØY 600 | Black & black | AHCL1730P | AHCL1730C | AHCL1730R | AHCL1730FI | AHCL1730FO |
| 4P-4W | L18-30 |   L18-30R L18-320P | 3ØY 120/208 | Blue & black | AHCL1830P | AHCL1830C | AHCL1830R | AHCL1830FI | AHCL1830FO |
| | L19-30 |   L19-30R L19-30P | 3ØY 277/480 | Red & black | AHCL1930P | AHCL1930C | AHCL1930R | AHCL1930FI | AHCL1930FO |
| | L20-30 |   L20-30R L20-30P | 3ØY 347/600 | Black & black | AHCL2030P | AHCL2030C | AHCL2030R | AHCL2030FI | AHCL2030FO |
| 4P-5W | L21-30 |   L21-30R L21-30P | 3ØY 120/208 | Blue & black | AHCL2130P | AHCL2130C | AHCL2130R | AHCL2130FI | AHCL2130FO |
| | L22-30 |   L22-30R L22-30P | 3ØY 277/480 | Red & black | AHCL2230P | AHCL2230C | AHCL2230R | AHCL2230FI | AHCL2230FO |
| | L23-30 |   L23-30R L23-30P | 3ØY 347/600 | Black & black | AHCL2330P | AHCL2330C | AHCL2330R | AHCL2330FI | AHCL2330FO |

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

Complex environment devices

Watertight devices

Product description

2-pole, 3-wire grounding; 3-pole, 4-wire grounding
15A, 20A, 30A, 125V/AC, 250 V/AC, 125/250 V/AC
NEMA 5-15, 5-20, L5-15, L5-20, L5-30, L6-20, L6-30, L14-20, L14-30



14W47



60W47DPLX



AH5362CRY



CRL1430R

Plugs & receptacles



| Rating A | V/AC | NEMA | Description | Plug catalog no. | Connector catalog no. | Receptacle catalog no. |
|-------------|---------|--------|---|---------------------|--------------------------|---------------------------|
| 15 | 125 | 5-15 | Straight blade watertight devices (duplex receptacle) | □ 14W47* | □ 15W47 | □ 60W47DPLX |
| 20 | 125 | 5-20 | Straight blade watertight devices (duplex receptacle) | □ 14W33* | □ 15W33* | □ 60W33DPLX |
| 15 | 125 | L5-15 | Locking watertight devices (single receptacle) | □ 24W47* | □ 25W47* | □ 65W47 |
| 20 | 125 | L5-20 | Locking watertight devices (single receptacle) | □ L520PW* | □ L520CW | □ L520RW |
| 20 | 250 | L6-20 | Locking watertight devices (single receptacle) | □ L620PW | □ L620CW | □ L620RW |
| 20 | 125/250 | L14-20 | Locking watertight devices (single receptacle) | □ L1420PW | □ L1420CW | □ L1420RW |
| 30 | 125 | L5-30 | Locking watertight devices (single receptacle) | □ L530PW | □ L530CW | □ L530RW |
| 30 | 250 | L6-30 | Locking watertight devices (single receptacle) | □ L630PW | □ L630CW | □ L630RW |
| 30 | 125/250 | L14-30 | Locking watertight devices (single receptacle) | □ L1430PW | □ L1430CW | □ L1430RW |

For all-black devices, add color code BK after catalog number.

*Not NOM Certified

Corrosion resistant receptacles

Product description

2-pole, 3-wire grounding; 3-pole, 4-wire grounding
15A, 20A, 30A, 125V/AC, 250 V/AC, 125/250 V/AC, 3Ø 250 V/AC
NEMA 5-15, 5-20, L5-15, L5-20, L5-30, L6-20, L6-30, L14-20, L14-30, L15-20

Receptacles



| Rating A | V/AC | NEMA | Description | Catalog no. |
|-------------|---------|--------|--|-------------|
| 15 | 125 | 5-15 | Straight blade corrosion resistant devices (duplex receptacle) | □ AH5262CRY |
| 20 | 125 | 5-20 | Straight blade corrosion resistant devices (duplex receptacle) | □ AH5362CRY |
| 15 | 125 | L5-15 | Locking corrosion resistant devices (duplex receptacle) | □ CR4700 |
| 20 | 125 | L5-20 | Locking corrosion resistant devices (single receptacle) | □ CRL520R |
| 20 | 250 | L6-20 | Locking corrosion resistant devices (single receptacle) | □ CRL620R |
| 20 | 125/250 | L14-20 | Locking corrosion resistant devices (single receptacle) | □ CRL1420R |
| 20 | 3Ø 250 | L15-20 | Locking corrosion resistant devices (single receptacle) | □ CRL1520R |
| 30 | 125 | L5-30 | Locking corrosion resistant devices (single receptacle) | □ CRL530R |
| 30 | 250 | L6-30 | Locking corrosion resistant devices (single receptacle) | □ CRL630R |
| 30 | 125/250 | L14-30 | Locking corrosion resistant devices (single receptacle) | □ CRL1430R |

For our full product offering, please visit Eaton.com/wiringdevices

X-Switch motor control switch configurations & ordering

Extra heavy-duty complex environment switch

Product description

3-pole, 3-phase
30A, 60A or 100A, 600V/AC max.
NEMA Type 4X, 12 & IP66, IP69K

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 and small footprint designed for installation versatility
- Durable, NEMA Type 4X enclosure is made of non-magnetic, non-corrosive type 316L stainless steel ideal for washdown environments
- IP69K breather drain option available to prevent interior condensation buildup (enclosure with breather drain is NSF listed, IP69K certified)
- IP69K rated for high temperature and high pressure wash down
- Mounting feet provide 1/4" spacing from mounting surface (NEC® 300.6(D))
- 30A, 60A & 100A switch options available
- Heavy-duty switch designed to deliver dependability, long life and excellent electrical continuity
- Field install able auxiliary contact options available for PLCs and external indicators (break after main break, make before main make)
- Durable lever handle and switch mechanism will withstand repeated use in harsh environments



30A X-Switch



60A X-Switch



100A X-Switch

Common X-Switch Configurations

| Description | Amp | Catalog No. | UL US | NSF |
|---|-----------------------|---------------|-------|-----|
| <input type="checkbox"/> Motor Control Disconnect X-Switch, NEMA 4X | 30 | AHDS30SSR | • | • |
| <input type="checkbox"/> Motor Control Disconnect X-Switch, NEMA 4X | 60 | AHDS60SSR | • | • |
| <input type="checkbox"/> Motor Control Disconnect X-Switch, NEMA 4X | 100 | AHDS100SSR | • | • |
| <input type="checkbox"/> Replacement switch | 30 | AHDS30RS | • | |
| <input type="checkbox"/> Replacement switch | 60 | AHDS60RS | • | |
| <input type="checkbox"/> Replacement switch | 100 | AHDS100RS | • | |
| <input type="checkbox"/> Aux contact - PLC | 30 | AHDS30RAC | • | |
| <input type="checkbox"/> Aux contact - VFD | 30 | AHDS30RVFD | • | |
| <input type="checkbox"/> Aux contact - PLC | 60 | AHDS60RAC | • | |
| <input type="checkbox"/> Aux contact - VFD | 60 | AHDS60RVFD | • | |
| <input type="checkbox"/> Aux contact - PLC | 100 | AHDS100RAC | • | |
| <input type="checkbox"/> Aux contact - VFD | 100 | AHDS100RVFD | • | |
| <input type="checkbox"/> X-Switch Conduit Hub, Size 3/4" | For 30A Enclosure | AHDS30CH | • | |
| <input type="checkbox"/> X-Switch Conduit Hub, Size 1-1/4" | For 60A Enclosure | AHDS60CH | • | |
| <input type="checkbox"/> X-Switch Conduit Hub, Size 2" | For 100A Enclosure | AHDS100CH | • | |
| <input type="checkbox"/> Breather Drain IP69K rated | — | AHDSBD | • | |
| <input type="checkbox"/> Replacement top cover assembly | For 30A Enclosure | AHDS30RTCASSR | | |
| <input type="checkbox"/> Replacement top cover assembly | For 60/100A Enclosure | AHDS61RTCASSR | | |

Short Circuit Current Ratings

30A X-Switch SCCR:

Suitable for use as a motor disconnect with the following short-circuit current ratings:

- 65kA RMS symmetrical amps, 600 VAC max. when protected with 40A class J fuses

60A X-Switch SCCR:

Suitable for use as a Motor Disconnect with the following short-circuit current ratings:

- 65kA RMS symmetrical amps, 600 VAC max. when protected with 70A class J fuses

100A X-Switch SCCR:

Suitable for use as a Motor Disconnect with the following short-circuit current ratings:

- 65kA RMS symmetrical amps, 600 VAC max. when protected with 100A class J fuses

Max Horsepower Ratings

| Voltage | 30A | 60A | 100A |
|------------------|-----|-----|------|
| 1Ø 120 VAC | 1.5 | 3 | 5 |
| 1Ø 220 - 240 VAC | 5 | 7.5 | 15 |
| 1Ø 277 VAC | 5 | 7.5 | 15 |
| 1Ø 440 - 480 VAC | 7.5 | 15 | 30 |
| 3Ø 220 - 240 VAC | 10 | 15 | 25 |
| 3Ø 440 - 480 VAC | 20 | 30 | 50 |
| 3Ø 600 VAC | 25 | 40 | 50 |

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

Pre-marked special use wallplates

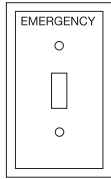
Specification grade thermoplastic wallplates

Product description

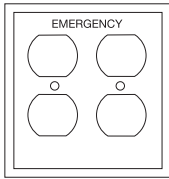
Standard size
Mid-size

Design features

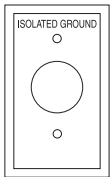
- Virtually unbreakable plates reduce installation and replacement costs
- Preferred for industrial, institutional and other high-traffic areas
- Exclusive timesaving screw-catch feature holds mounting screws captive and simplifies installation
- High gloss finish is soil-resistant



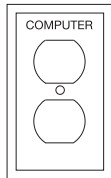
EM5134RD
PJ1EMRD



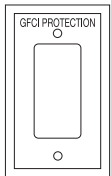
PJ82EMRD



IG5131RN
PJ7IG



PJ8COV



PJ8GFV

Hospital grade pre-marked special use wallplates



| Text on wallplate | Description | Material | Color suffix | Catalog no. | |
|-------------------|---|---------------|--------------|-------------|---|
| Emergency | 1-gang toggle, standard size | Nylon | RD | □ EM5134RD | • |
| | 1-gang toggle, mid-size | Polycarbonate | RD | □ PJ1EMRD | |
| | 1-gang decorator, mid-size | Polycarbonate | RD | □ PJ26EMRD | |
| | 1-gang duplex receptacle, standard size | Nylon | RD | □ EM5132RD | • |
| | 1-gang duplex receptacle, mid-size | Polycarbonate | RD | □ PJ8EMRD | |
| | 2-gang toggle, mid-size | Polycarbonate | RD | □ PJ2EMRD | |
| | 2-gang duplex receptacle, mid-size | Polycarbonate | RD | □ PJ82EMRD | |
| | | | | | |
| Isolated ground | 1-gang decorator, mid-size | Polycarbonate | RN | □ PJ26IG | |
| | 1-gang duplex receptacle, standard size | Nylon | RN | □ IG5132RN | • |
| | 1-gang duplex receptacle, mid-size | Polycarbonate | RN | □ PJ8IG | |
| | 1-gang single receptacle, 1.40" (35.7mm) hole, mid-size | Nylon | RN | □ IG5131RN | • |
| | 1-gang single receptacle, 1.40" (35.7mm) hole, mid-size | Nylon | V | □ IG5131V | • |
| | 1-gang single receptacle, 1.40" (35.7mm) hole, mid-size | Polycarbonate | RN | □ PJ7IG | |
| Computer | 1-gang duplex receptacle, mid-size | Polycarbonate | V | □ PJ8COV | |
| | 1-gang duplex receptacle, mid-size | Polycarbonate | W | □ PJ8COW | |
| GFCI protected | 1-gang duplex receptacle, mid-size | Polycarbonate | V | □ PJ8GFV | |
| | 1-gang duplex receptacle, mid-size | Polycarbonate | W | □ PJ8GFW | |

Specification grade metal wallplates

Design features

- Constructed of non-corrosive, 302/304 stainless steel to withstand tough conditions reducing replacement of broken plates
- Shipped with removable protective film
- 302/304 stainless steel is non-magnetic and non-corrosive for rugged durability, reducing replacement costs
- Recommended for industrial, institutional, and commercial applications

Specification grade metal wallplates



| Text on wallplate | Description | Color | Catalog no. | |
|-------------------|---|-----------------|-------------|---|
| Emergency | 1-gang toggle, standard size | Stainless steel | □ EM93071 * | • |
| | 1-gang duplex receptacle, standard size | Stainless steel | □ EM93101 * | • |
| | 2-gang duplex receptacle, standard size | Stainless steel | □ EM93102 | • |

*Only UL listed and CSA certified

Color ordering information

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

| | | | | |
|-----------|-----------|----------|----------|-------------------|
| RN | RD | V | W | |
| (Orange) | (Red) | (Ivory) | (White) | (Stainless Steel) |

Testing & code compliance: UL and cUL Listed to UL 514D, file no. E33216 (nylon & polycarbonate), Stainless steel: Listed to UL 514D and CSA C22.2, no. 42-1-13. **Material characteristics:** Nylon, stainless steel (18% chromium/ 8% nickel alloy) or polycarbonate, Environmental: Flammability meets UL94 requirements; V2 rated (nylon), Temperature rating: -40°C to 70°C (-4°F to 158°F).



Indicates USMCA compliant

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

Arrow Hart hospital grade devices specifier's table

| Feature group | Extra heavy-duty hospital grade | Single extra heavy-duty hospital grade | Isolated ground extra heavy-duty hospital grade | Single isolated ground premium hospital grade | Heavy-duty hospital grade | Hospital grade self-test GFCI | Heavy-Duty hospital grade surge protection receptacles | Isolated ground heavy-duty hospital grade surge protection receptacles | Heavy-duty controlled receptacles |
|--|--|--|---|---|------------------------------------|--|--|--|--|
| Product line | AH8200 AH8300 AHTR8200* AHTR8300* AH8400 AH8600 8262 TR8262* 8362 TR8362* | 8210 8310 8410◇ 8610◇ | IG8200 IG8300 TRIG8200* TRIG8300* IG8400◇ IG8262 IG8362 TRIG8262* TRIG8362* | IG8210 IG8310 | 8200 8300 TR8200* TR8300* | SGFH15 SGFH20 TRSGFH15* TRSGFH20* | TR8262_S* TR8362_S* | TRIG8262_S* TRIG8362_S* | 5262C 5362C TR5262C* TR5362C* 6252C 6352C TR6252C* TR6352C* |
| Contact design | | | | | | | | | |
| 5-leaf line contact | • | | • | | | | | | |
| Triple-wipe line | | • | | • | • | • | • | • | • |
| 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 | • | • | • | • | | | • | • | |
| Polycarbonate base | | | | | | • | | | |
| PVC base | | | | | • | | | | • |
| Specialty features | | | | | | | | | |
| Screw terminal guards | • | | • | | | | | | |
| Back wire ground terminal | • | | • | | | • | | | |
| Tri-combo screws | • | • | • | • | • | • | • | • | • |
| Screw-catch feature | • | | • | | • | | | | |
| *Tamper resistant | • | | • | | • | • | • | • | • |
| Audible alarm | | | | | | | • | • | |
| LED indicators | | | | | | • | • | • | |
| Certifications | | | | | | | | | |
| cULus instead of UL and CSA | • | | • | | | | | | |
| ASHRAE 90.1 | | | | | | | | | • |
| CA Title 24 | | | | | | | | | • |

*Tamper resistant receptacles are cULus, Fed Spec and NOM. †Not Arrowlink. °Not NAFTA or CSA
See Buyer's Guide for full product offering. Compliances, specifications and availability are subject to change without notice.

KEY: cULus UL Fed Spec USMCA Tamper Resistant
 NOM 426 Arrowlink Controlled CSA

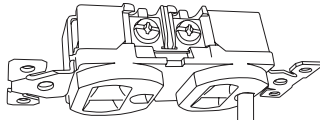
For full list of made in America product, please visit: <https://www.eaton.com/content/dam/eaton/products/wiring-devices-and-connectivity/wiring-devices/make-in-america-product-list/wiring-devices-made-in-america-product-list.pdf>
For more information on controlled receptacles, please visit: <https://www.eaton.com/content/dam/eaton/products/wiring-devices-and-connectivity/wiring-devices/straight-blade-receptacles/controlled-receptacle-sell-sheet.pdf>

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

A sampling of hospital grade tests

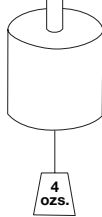
Eaton's Arrow Hart hospital grade wiring devices meet or exceed all the UL498 hospital grade standards

Hospital grade grounding contact overstress

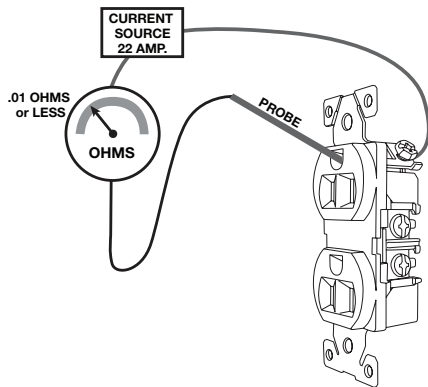


Conditioning:
Oversized .204" diameter steel pin inserted 20 times into each ground contact

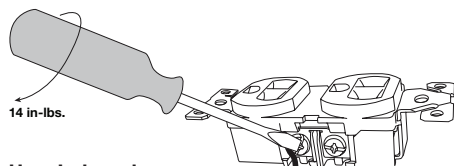
Test:
Each ground contact must retain a .184" diameter polished steel pin against a 4 oz. force for 1 minute



Hospital grade grounding contact resistance



Hospital grade terminal strength



Hospital grade:
Tightened 5 times then tested with 12 AWG wire

General use:
Tightened once then tested with 12 AWG wire



| Plugs & connectors | Receptacles | Testing |
|--------------------|-------------|---|
| • | | Crushing test For plugs and connectors, a gradually escalated and removed crushing force between two steel plates of 500 lbf is applied to the bodies of the wired devices. Devices must not break, deform or otherwise become incapable of function. |
| • | • | Ground contact overstress test After conditioning of connectors, the ground contact must retain a weighted test pin while face down for a length of time and have no breakage that would affect the integrity of live parts enclosures. |
| • | • | Ground contact temperature test Conditioned connectors are wired in a series and mated with powered hospital grade plugs for 1 hour, during which the temperature of the ground contact cannot rise more than 54° above ambient temperature. |
| • | • | Impact resistance test Plugs and connectors are wired then subjected to a dropped cylindrical weight, after which they cannot exhibit any breakage or other body damage, must still function properly. |
| • | | Mechanical drop test Corded and wired plugs and connectors must maintain their physical integrity and pass a dielectric voltage-withstand test of 2x the device rating plus 1000V after being dropped via their cord to strike against a block for an average of 1,000 hits. |
| • | | Plug connection and separation test Connectors used for the grounding contact overstress test are conditioned repetitively by severe wiggling, counter-rotational twisting, and severe breaking action of a test plug before having to retain a weighted test pin while face down for a length of time. |
| • | | Strain relief test Corded and wired plugs and connectors in fixed positions must sustain 30 lb of gradually applied cord pulls, 10 lb of rotary cord motion for 2 hours and abrupt removal tests, all without any conductor, conductor insulation, or cord jacket cuts, breakage or displacement. |
| | • | Abrupt plug removal test For receptacles, this test includes a series of steps involving conditioning, abrupt angular plug pulls via a 10 lb weight dropped from 2 ft and then demonstration of subsequent plug retention under weight, all without breakage or other internal damage. |
| | • | Assembly security test Receptacles must withstand 100 lbf of force applied from within the contacts via a "push-out" tool without mechanical breakage, deformation, or loss of grounding continuity and then be able to retain a weighted test pin while face down for a length of time. |
| | • | Impact test Receptacles are mounted in a cast metal box with a metal wallplate and then subjected to a dropped 5 lb cylindrical weight from a height of 18 in, after which they must exhibit no breakage and still function properly. |

Visit our website:
www.Arrowhart.com

Electrical Sector
203 Cooper Circle
Peachtree City, GA 30269
United States
Eaton.com
Eaton.com/wiringdevices

Electrical Sector
Canada Operations
5925 McLaughlin Road
Mississauga, Ontario, L5R 1B8
Canada
EatonCanada.ca
Eaton.com/wiringdevices

Electrical Sector
Mexico Operations
Carr. Tlalnepantla -
Cuautitlán Km 17.8 s/n
Col. Villa Jardín esq.
Cerrada 8 de Mayo
Cuautitlán, México CP 54800
México
Eaton.mx
Eaton.com/wiringdevices

Eaton
1000 Eaton Boulevard
Cleveland, OH 44122
United States
Eaton.com

© 2021 Eaton
All Rights Reserved
Printed in USA
Publication No. BR620021EN
March 2021

Eaton is a registered trademark.

All other trademarks are property
of their respective owners.



Powering Business Worldwide