

**Eaton's Arrow Hart**  
Healthcare solutions

# Arrow Hart

Healthcare environments require  
quality device solutions with  
consistent and reliable connectivity



*Powering Business Worldwide*



# Reliable, code-compliant healthcare devices deliver solutions for the medical services environment

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## Solutions for healthcare challenges:



**Electrical  
Integrity**



**Energy  
Efficient**



**Environmental  
Durability**



**Ease of  
Installation**



**Safety**



**Aesthetics**



# NEC® & UL Listed hospital grade device requirements



**TRSGFH15**  
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**EM5134**  
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**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.

## **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).

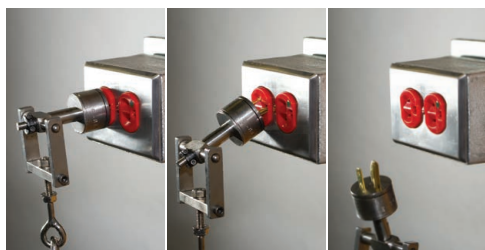
## **Testing requirements in healthcare facilities (NFPA 99 Chapter 3-3)**

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 washdown 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

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

#### 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



**IG8200HG\_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 suppressor with patented replaceable module restores power without the need to remove and rewire device. 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

#### 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
- NEC® Article 517.18(C) compliance which states tamper resistant outlets must be used in pediatric care locations

**Tamper resistant**    **GFCI**

#### 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**

#### Industrial 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



**TR8200**  
Tamper resistant  
receptacles

## 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

- USB duplex receptacle has charging ports to quickly and conveniently charge electronic devices
- Specifically designed for use in hospital room wall panels
- Solid brass, nickel plated mounting strap with non-riveted, integral one-piece grounding system (AH8300)
- Screw terminal guards provide integral quick and easy terminal insulation (AH8300)

**USB series**    **AH8200 series**    **AH8300 series**  
**AH8400 series**    **AH8600 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

**AH1200 series**



**TR8355**  
Duplex USB  
receptacle



**AH8300**  
Duplex receptacle

# 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 suppressor with exceptional clamping and surge current ratings
- SPD devices have LED indicators and audible alarm to indicate bad ground connections or that surge protection has expired
- Isolated ground features solid brass non-riveted integral one-piece grounding system; device ground isolated from the common building ground
- Isolated ground has high-impact and chemical-resistant nylon face
- Solid brass, nickel plated mounting strap with non-riveted, integral one-piece grounding system
- Screw terminal guards provide integral quick and easy terminal insulation

#### SPD series

IG8600 series

#### IG8200 series

AH8200 series

#### IG8300 series

AH8300 series

#### IG8400 series

AH8400 series



**8200\_S**  
SPD receptacle



**AH8300**  
Duplex receptacle



**7737**  
LED nightlight

## 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

Provides added safety by improving way-finding in the dark

### Solutions

#### Receptacles

- High-impact and chemical-resistant nylon face and back body for long-term durability
- Solid brass, nickel plated 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

#### Dimmable nightlights

- Automated: Light sensor automatically turns the nightlight ON when it becomes dark and automatically turns 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



# Lobbies, waiting rooms, conference rooms & offices

## Lobbies & waiting rooms

### Challenge



#### Safety

The use of tamper resistant receptacles protects children from electrical shock resulting from the insertion of foreign items



#### Aesthetics

Our decorator devices and screwless wallplates replace clinical-looking devices and wallplates

### Solutions

#### Decorator devices

- Tamper resistant specification grade receptacles help keep children safe
- Broad line of devices that includes switches, receptacles and specialty devices

**6200 series**   **6300 series**   **6400 series**   **6600 series**   **7600 series**  
**8260 series**   **8360 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 (TR) 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 changed in seconds if a color change is desired
- Virtually unbreakable polycarbonate construction

**PJS series**



**TR6252**  
Tamper resistant receptacle



**TR5262CHW**  
Controlled receptacle

## Conference rooms & offices

### Challenge



#### Energy Efficient

Reducing electrical usage for cost containment



#### Energy Efficient

Optimizing light levels for presentations and meetings

### Solutions

#### Lighting controls

- Dimmers are easy and quick to install, providing energy savings with contemporary styling
- Energy savings from elegant dimmers and occupancy sensors that replace ordinary switches
- Labor saving features speed installation
- Can be wired as single-pole or 3-way for maximum flexibility
- OSD10N features include: auto ON/OFF, manual ON/auto OFF, adjustable time delay OFF and ambient light level

**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



#### Energy Efficient

Areas with infrequent occupancy represent excellent opportunities for lighting control via occupancy sensors

### Solutions

#### GFCI receptacles

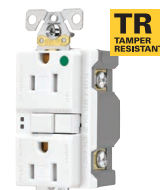
- Lockout feature protects against miswiring and GFCI circuitry damage
- Automatically self-tests periodically to ensure GFCI protection; visual indicator lights give quick notification of a tripped or "end of life" condition
- Tamper resistant (TR) shutters help prevent foreign objects from being inserted
- 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
- ON/OFF switch to quiet alarm until replacement can be made
- Trip indicator light notifies user of a tripped condition
- Status Indicator light notifies user if device has rendered itself inoperable and requires replacement

**GFCI series**



**TRSGFH15**  
Tamper resistant  
GFCI



**TRSGFA15**  
Audible 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

#### 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
- GFCIs meet the strict UL 943, UL498 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**



**L530PW**  
Watertight plug



**60W33DPLX**  
Watertight  
receptacles



# 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



#### Environmental Durability

Abusive environments with heavy loads, vibration, dust and dirt, potential impact, extreme temperatures require special devices



#### Environmental Durability

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

### Solutions

#### Locking receptacles

- Heavy duty glass reinforced nylon body reduces breakage, is heat stabilized and suitable for 105°C (221°F) continuous use
- One-piece brass alloy contacts provide excellent plug retention and continuity in grounding and power circuits
- Device faces marked with rating, NEMA configuration and standard compliances

#### Industrial locking receptacles

#### Industrial grade 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

**CR plugs**    **14W series**    **15W series**    **60W series**

#### Motor controls & disconnects

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

**X-Switch series**    **Non-metallic rotary disconnect switch**



**AHL520R**  
Industrial receptacle



**AHMC340XC**  
40 amp X-Switch



**CD460MI7W**  
Pin & sleeve watertight mechanical interlock



**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 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

#### Industrial grade 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

**14W & 15W series**    **24W & 25W series**    **60W & 65W series**    **L-W series**

#### Pin & sleeve and watertight mechanical interlocks

- Rugged housing provides superior corrosion and impact resistance NEMA Type 4X, 12 and IP66 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

**Mechanical interlock series**    **AH pin & sleeve series**

#### Industrial grade 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**

# Arrow Hart receptacles

## Arrow Hart self test GFCI receptacles with audible alarm

### Product description

Single-pole, double-pole, 3-way, 4-way  
15A, 125V/AC  
20A, 125V/AC



5-15R



TRSGFA15

### Design features

- Performs periodic self-tests to ensure integrity of GFCI protection
- Visual trip indicator light gives quick notification of a tripped or "end of life" condition
- Audible alarm notifies user of tripped GFCI. Alarm can be turned off if required
- Meets and exceeds 10 kA short circuit testing and Underwriters Laboratories (UL) UL943 safety standards
- 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
- Tamper resistant shutters help prevent foreign objects from being inserted
- Line side terminals are backed out and staked for fast installation
- Horizontal test/reset button alignment provides larger unobstructed area
- Test and reset buttons are color matched to provide superior aesthetics
- 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 20A feed-through rating offers full protection
- Line-load miswiring protection: GFCIs will not provide power downstream when wired incorrectly
- Tri-combo head terminal and mounting screws
- UL Listed, fully compliant with all latest UL943 Class A GFCI requirements
- Tamper resistant models comply with 2014 NEC Article 406.12
- Longer, wider "bridged" strap provides 40% more contact area with wallboard, virtually eliminating floating installations
- Matching standard size thermoplastic wallplate included (mid-size wallplate on TRSGFA15W-M)

### Self-test GFCI receptacles with audible alarm



Rating			Description	Color suffix	Catalog no.				
A	V/AC	NEMA							
15	125	5-15R	Tamper resistant self-test GFCI w/ audible alarm w/ standard-size wallplate, back & side wire	A, B, BK, GY, LA, V, W	□ TRSGFA15__				
20	125	5-15R	Tamper resistant self-test GFCI w/ audible alarm w/ standard-size wallplate, back & side wire	A, B, BK, GY, LA, RD, V, W	□ TRSGFA20__				
15	125	5-15R	Tamper resistant self-test GFCI w/ audible alarm w/ mid-size wallplate, back & side wire	W	□ TRSGF15AW-M				
20	125		Self test blank-face GFCI w/ audible alarm w/ standard-size wallplate, back & side wire	A, B, BK, GY, LA, V, W	□ SGFGA20__				

### 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)

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

**Testing & code compliance:** cULus Listed to UL 498 and UL 943, file no. E60120. Meets all UL 943 (GFCI), UL 498 (receptacles) and applicable CSA requirements. NOM certified.

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 NAFTA compliant Tamper resistant Indicates build-to-spec device Indicates ROHS compliant

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

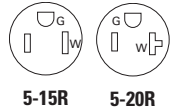


# Arrow Hart receptacles

## Arrow Hart construction grade controlled receptacles

### Product description

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



### Design features

- 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
- 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/wide mounting strap maintains assembly security and helps reach oversize cutouts



5362CH



TR5362CD



TR6352CD

### Half controlled receptacle, back & side wire



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

### Dual controlled receptacle, back & side wire



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

### 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)

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 5662C. National Electric Code CA Title 24, and ASHRAE Energy Efficiency Standard 90.1

➡ 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.

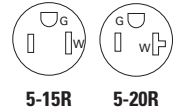
🇺🇸 Indicates NAFTA compliant    TR Tamper resistant    🏠 Indicates build-to-spec device    🌱 Indicates ROHS compliant  
**Compliances, specifications and availability are subject to change without notice.**

# 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
- 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
- Tamper resistant shutters provide compliance with 2014 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 A	V/AC	A	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__

## 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 (3) 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 A	V/DC	Description	Color suffix	Catalog no.
5.0 total	5	USB 4-port charging station	BK, LA, V, W	□ 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)

<b>BK</b>	<b>GY</b>	<b>LA</b>	<b>RD</b>	<b>V</b>	<b>W</b>
(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 UL94 requirements; V2 rated. Temperature rating: -20°C to 60°C (-4°F to 140°F). USB charging station Environmental: Flammability meets UL94 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.**

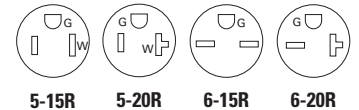


# Premium hospital grade straight blade receptacles

## Premium 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

### 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/last break ground design

### Back & side wire



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

<sup>†</sup> Pre-wired device available — consult your sales representative

<sup>‡</sup> Meet all UL, CSA & Federal Specifications, but differ in design and construction from duplexes noted above

<sup>°</sup> Not NOM Certified

### 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 NAFTA compliant    🏠 Indicates build-to-spec device    🌱 Indicates ROHS compliant

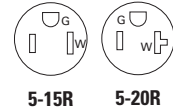
Compliances, specifications and availability are subject to change without notice.

# Hospital grade straight blade receptacles

## 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 2014 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		A	V/AC	NEMA	Description	Color suffix	Catalog no.				
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		A	V/AC	NEMA	Description	Color suffix	Catalog no.				
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		A	V/AC	NEMA	Description	Color suffix	Catalog no.				
15	125	5-15	Panel mount HG single receptacle	V	□ 8210MV						
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), GY (Gray), LA (Light Almond), RD (Red), V (Ivory), W (White)

B	GY	LA	RD	V	W
(Brown)	(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. 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 UL94 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 NAFTA compliant
 Tamper resistant
 Indicates build-to-spec device
 Indicates ROHS compliant

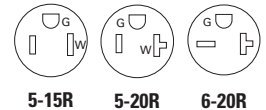
Compliances, specifications and availability are subject to change without notice.

# Hospital grade isolated ground straight blade receptacles

## 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



IG8200



IG8300



MCR125STR



MCR300FTST

### Design features

- Exclusive screw terminal guards provide fast, easy insulation from conductive surfaces (duplex only)
- Exclusive 5-leaf, brass line contacts provide consistent performance and superior plug retention (duplex only)
- Rigid, glass reinforced nylon base lends ultimate strength and superior high heat resistance in contact carrier (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, provides redundant measure of ground continuity where jumper used
- ArrowLink modular plug and connector provide high quality circuit connections and incorporate a first make/last break grounding design

### 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	□ IG8200	•	•	•		
			Hospital grade IG single receptacle <sup>⚡</sup>	RN	□ IG8210RN	•	•	•		
20	125	5-20	Hospital grade IG duplex receptacle	GY, RD, RN, V, W	□ IG8300	•	•	•		
			Hospital grade IG single receptacle <sup>⚡</sup>	RN	□ IG8310RN	•	•	•		
20	250	6-20	Hospital grade IG duplex receptacle	RN	□ IG8400RN	•	•	•		

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

### Leaded ArrowLink 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 connectors



Device type	Description	Wire range/type	Catalog no.
Receptacle	Screw terminal	#12 - #14 AWG, Solid or stranded	□ MCR300FTST
	Screw terminal, no ground conductor	#12 - #14 AWG, Solid or stranded	□ MCR300FTSTNG
	Push-in connector	#12 - #14 AWG, Solid	□ MCR300FTPI
	Push-in connector, no ground conductor	#12 - #14 AWG, Solid	□ MCR300FTPING

### 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 UL498, file no. E2369.

**Material characteristics:** Nylon, Environmental: Flammability meets UL94 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.

🇺🇸 Indicates NAFTA compliant    ⚙️ Indicates build-to-spec device    🌱 Indicates ROHS compliant  
Compliances, specifications and availability are subject to change without notice.

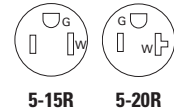


# Hospital grade decorator straight blade receptacles

## Decorator hospital grade duplex receptacles

### Product description

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



8362



IG8362

### 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/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

### Back & side wire



Rating		NEMA	Description	Color suffix	Catalog no.			
A	V/AC							
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__	•	•	

### Isolated ground, back & side wire



Rating		NEMA	Description	Color suffix	Catalog no.			
A	V/AC							
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__	•	•	•

### 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>B</b>	<b>BK</b>	<b>GY</b>	<b>RD</b>	<b>RN</b>	<b>V</b>	<b>W</b>
(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 UL94 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.

Indicates build-to-spec device Indicates ROHS compliant

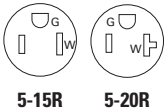
Compliances, specifications and availability are subject to change without notice.

# Hospital grade SPD receptacles

## 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



8200\_\_S



IG8200HG\_\_S

### 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 surge protection has expired
- Front access switch for muting audible alarm until device is replaced

### Surge protection receptacles with audible alarm & LED indicators



Rating		NEMA	Description	Color suffix	Catalog no.		
A	V/AC						
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: BL (Blue), RD (Red), RN (Orange), V (Ivory), W (White)

BL	RD	RN	V	W
(Blue)	(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 UL94 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.

Indicates build-to-spec device

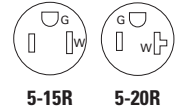
**Compliances, specifications and availability are subject to change without notice.**

# 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



SGFH15



TRSGFH15



SGFH20\_MOD

### 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

### Back & side wire



Rating		NEMA	Description	Color suffix	Catalog no.	➤	📦	🇺🇸	🌱
A	V/AC								
15	125	5-15	Duplex hospital grade GFCI receptacle	B, GY, LA, RD, V, W	□ SGFH15__	•	•		
			Duplex hospital grade GFCI receptacle	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	B, GY, LA, RD, V, W	□ SGFH20F__	•	•	•	•

### Tamper resistant, back & side wire



Rating		NEMA	Description	Color suffix	Catalog no.	➤	📦	🇺🇸	🌱
A	V/AC								
15	125	5-15	TR duplex hospital grade GFCI receptacle	B, BK, GY, LA, RD, V, W	□ TRSGFH15__	•	•		
			TR duplex hospital grade GFCI receptacle	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	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 TRSGFH15W, TRSGFH15WMOD). For ordering information on ArrowLink & ArrowLink SPD connectors, see Arrow Hart buyers guide.

🇺🇸 Indicates NAFTA compliant    TR Tamper resistant    📦 Indicates build-to-spec device    🌱 Indicates ROHS compliant  
Compliances, specifications and availability are subject to change without notice.

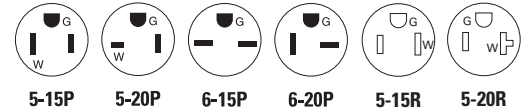


# Hospital grade plugs & connectors

## 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, 6-20



AH8215HG



AH8215HGC



AH8215HGAC

### 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 straight 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

### Hospital grade plugs & connectors



Rating A	V/AC	NEMA	Description	Cord diameter	Color suffix	Catalog no.	USA	ROHS
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	•	•
			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	•	•
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	•	•
			Ultra grip connector	0.30"-0.66" (7.6-16.7mm)	BK & W	□ AH8319HG	•	•
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), C (Clear), W (White)

<b>BK</b>	<b>C</b>	<b>W</b>
(Black)	(Clear)	(White)

**Testing & code compliance:** Listed to UL498, file no. E3663, UL verified to Federal Spec. WC-596F, cUL certified to CSA C22.2, no. 42.  
**Material characteristics:** Nylon, Environmental: Flammability meets UL94 requirements; safety grip V2 rated, Temperature rating: -40°C to 75°C (-40°F to 167°F).



Indicates NAFTA compliant



Indicates ROHS compliant

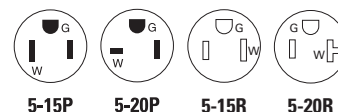
Compliances, specifications and availability are subject to change without notice.

# Hospital grade plugs and connectors

## Quick grip hospital grade plugs & connectors

### Product description

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



### Design features

- Single-piece hinged body reduces number of assembly screws to speed installation
- Unique terminal configuration places screws in only two directions, reducing installation time
- Clear terminal cover and large, funneled wire entry ensures quick and accurate wiring
- Signature exterior design molds to hand with scallop feature for extra grip for insertion and removal
- Superior materials and rugged construction provide abuse resistance and reliable performance



AH8115W



5266NHG



5269NHG

### Quick grip plugs & connectors



Rating A	V/AC	NEMA	Description	Cord diameter	Color	Catalog no.	
15	125	5-15	Quick grip plug	0.22"-0.67" (5.6-16.9mm)	W	□ AH8115W	•
			Quick grip connector	0.22"-0.67" (5.6-16.9mm)	W	□ AH8119W	•

## Auto grip hospital grade plugs & connectors

### Product description

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

### Design features

- Neoprene gasket seals cord hole opening to ensure strong sealing of wiring chamber
- Automatic cord grip assembly clamps the flexible cord to reduce wiring time, saving time and money
- Combination head screws: U.S. Phillips/Slotted; Canadian Robertson/Slotted
- Tapered body reduces snagging and provides easy handling

### Auto grip plugs & connectors



Rating A	V/AC	NEMA	Description	Cord diameter	Color	Catalog no.		
15	125	5-15	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	•	
			Auto grip straight body connector	0.30"-0.66" (7.6-16.7mm)	BK & W	□ 5269NHG	•	
20	125	5-20	Auto grip straight body plug	0.30"-0.66" (7.6-16.7mm)	BK & W	□ 5366NHG	•	•
			Auto grip straight body connector	0.30"-0.66" (7.6-16.7mm)	BK & W	□ 5369NHG	•	•

### Color ordering information

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



**Testing & code compliance:** Listed to UL498, 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 UL94 requirements; Quick grip V2 rated, auto grip V2 rated, Temperature rating: quick grip -40°C to 75°C (-40°F to 167°F).



Indicates NAFTA compliant



Indicates ROHS compliant

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

# Pre-marked special use wallplates

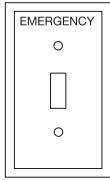
## Specification grade thermoplastic wallplates

### Product description

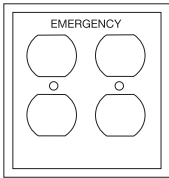
Standard size  
Mid-size

### Design features

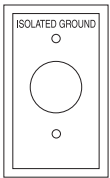
- Virtually unbreakable plates reduce installation and replacement costs
- Preferred for industrial, institutional and other high traffic areas
- Exclusive timesaving screw-catch feature holds mounting screws captive and simplifies installation
- High gloss finish is soil-resistant



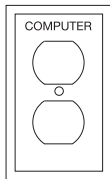
EM5134RD  
PJ1EMRD



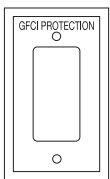
PJ82EMRD



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	•	•
	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 NAFTA compliant

Indicates ROHS compliant

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



# Commercial specification grade LED nightlights

## 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 disable 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



7738



7737

### Patrol combination wallbox LED nightlights, back & side wire

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

### 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)

<b>A</b>	<b>BK</b>	<b>LA</b>	<b>V</b>	<b>W</b>
(Almond)	(Black)	(Lt. Almond)	(Ivory)	(White)

**Testing & code compliance:** cULus Listed to UL1472, file no. E47967. **Material characteristics:** PVC, Environmental: Flammability meets UL94 requirements; V2 rated, Temperature rating: -20°C to 60° (-4°F to 140°F).

**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

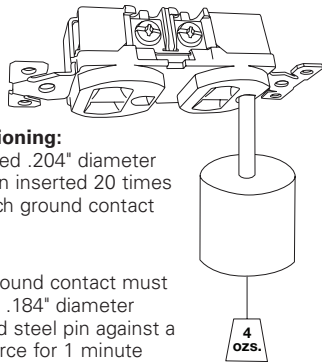
### Hospital grade grounding contact overstress

#### Conditioning:

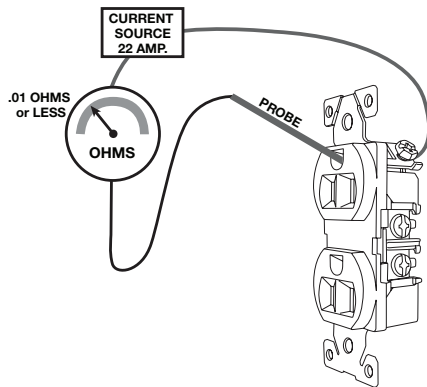
Oversized .204" diameter steel pin inserted 20 times into each ground contact

#### Test:

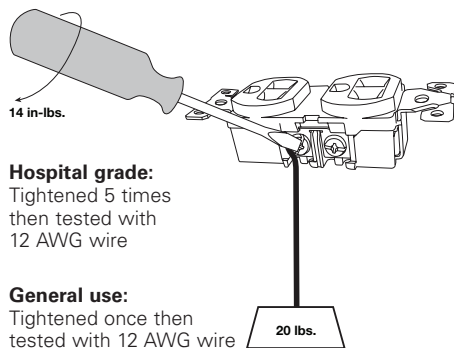
Each ground contact must retain a .184" diameter polished steel pin against a 4 oz. force for 1 minute



### Hospital grade grounding contact resistance



### Hospital grade terminal strength



Plugs & connectors	Receptacles	Testing
•		<b>Crushing test</b> 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.
•	•	<b>Ground contact overstress test</b> 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.
•	•	<b>Ground contact temperature test</b> 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.
•	•	<b>Impact resistance test</b> 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.
•		<b>Mechanical drop test</b> 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.
•		<b>Plug connection and separation test</b> 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.
•		<b>Strain relief test</b> Corded and wired plugs and connectors in fixed positions must sustain 30 lbf gradually applied cord pulls, 10 lbf rotary cord motion for 2 hours and abrupt removal tests, all without any conductor, conductor insulation, or cord jacket cuts, breakage or displacement.
	•	<b>Abrupt plug removal test</b> For receptacles, this test includes a series of steps involving conditioning, abrupt angular plug pulls via a 10 lb weight dropped from 2 feet and then demonstration of subsequent plug retention under weight, all without breakage or other internal damage.
	•	<b>Assembly security test</b> 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.
•		<b>Impact test</b> 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 inches, after which they must exhibit no breakage and still function properly.

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