

**Eaton's Arrow Hart**  
Healthcare solutions

# Arrow Hart

Healthcare environments require  
quality device solutions with  
secure and reliable connectivity

**EATON**

*Powering Business Worldwide*



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

## Table of contents

<b>Hospital grade testing</b>	3		
<b>Healthcare product solutions</b>			
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		
<b>Product information</b>			
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).

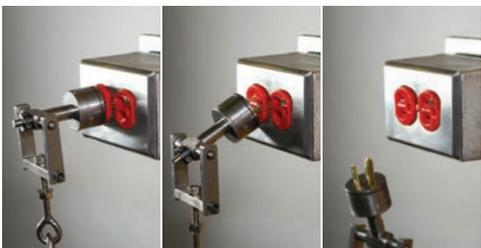
#### **Testing requirements in healthcare facilities (NFPA 99 Chapter 3-3)**

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



**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

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**

# 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

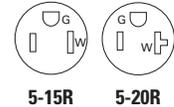
#### CRL series    WR series    WLRS series

# 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



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
- Quick wire ArrowLink modular design available where indicated for added labor savings

### 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	<input type="checkbox"/> SGFH15__		
					Duplex hospital grade GFCI receptacle, USMCA compliant	B, GY, LA, RD, V, W	<input type="checkbox"/> SGFH15F__		
20	125	5-20			Duplex hospital grade GFCI receptacle	B, GY, LA, RD, V, W	<input type="checkbox"/> SGFH20__		
					Duplex hospital grade GFCI receptacle, USMCA compliant	B, GY, LA, RD, V, W	<input type="checkbox"/> 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	<input type="checkbox"/> TRSGFH15__		
					TR duplex hospital grade GFCI receptacle, USMCA compliant	B, GY, LA, RD, V, W	<input type="checkbox"/> TRSGFH15F__		
20	125	5-20			TR duplex hospital grade GFCI receptacle	B, BK, GY, LA, RD, V, W	<input type="checkbox"/> TRSGFH20__		
					TR duplex hospital grade GFCI receptacle, USMCA compliant	B, GY, LA, RD, V, W	<input type="checkbox"/> 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)



**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 Tamper resistant

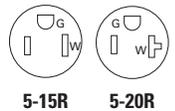
Compliances, specifications and availability are subject to change without notice.

# 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



TR8262\_\_S



TRIG8262\_\_S



MCR125STR



MCR300FTST

### 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

### 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		
				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	•	
				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)



**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**

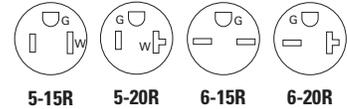
**Compliances, specifications and availability are subject to change without notice.**

# 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		NEMA	Description	Color suffix	Catalog no.	▶	⚡
A	V/AC						
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__*	•	
			Duplex hospital grade receptacle with short strap	W	□ AH8200__		
			Single hospital grade receptacle <sup>°</sup>	B, BK, 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, BK, 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, BK, RD, V, W	□ 8410__	•	

<sup>†</sup> 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		NEMA	Description	Color suffix	Catalog no.	▶	⚡
A	V/AC						
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)



**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

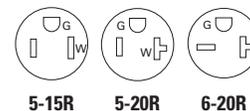
**Compliances, specifications and availability are subject to change without notice.**

# 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



MRI8300

### 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

### Extra heavy-duty MRI receptacle, back & side wire



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



IG8200

## 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



TRIG8300

### Isolated ground, back & side wire



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

### Tamper resistant isolated ground, back & side wire



Rating				Color suffix	Catalog no.	▶▶	▶▶
A	V/AC	NEMA	Description				
15	125	5-15	TR hospital grade IG duplex receptacle	GY, RD, V, W	□ TRIG8200__	•	
20	125	5-20	TR hospital grade IG receptacle	GY, RD, RN, V, W	□ 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

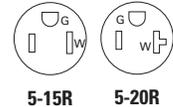
Compliances, specifications and availability are subject to change without notice.

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

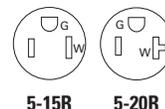
**Compliances, specifications and availability are subject to change without notice.**

# 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



8362



TR8362



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 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)

### Back & side wire



Rating			Description	Color suffix	Catalog no.	➔
A	V/AC	NEMA				
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			Description	Color suffix	Catalog no.	➔
A	V/AC	NEMA				
15	125	5-15	Tamper resistant decorator duplex hospital grade receptacle	GY, RD, V, W	□ TR8262__	•
20	125	5-20	Tamper resistant decorator duplex hospital grade receptacle	B, BK, GY, RD, V, W	□ TR8362__	•

### Isolated ground, back & side wire



Rating			Description	Color suffix	Catalog no.	➔
A	V/AC	NEMA				
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			Description	Color suffix	Catalog no.	➔
A	V/AC	NEMA				
15	125	5-15	Tamper resistant IG Decorator duplex hospital grade receptacle	GY, RN, V, W	□ TRIG8262__	•
20	125	5-20	Tamper resistant IG Decorator Duplex hospital grade receptacle	GY, RN, V, W	□ 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**

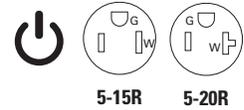
**Compliances, specifications and availability are subject to change without notice.**

# 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



5362CH



TR5362CD



TR6352CD

### 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

### 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__

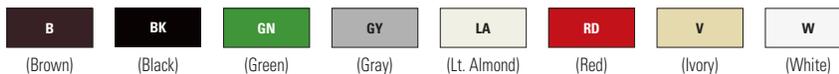
### Dual controlled receptacle, back & side wire



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)



**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

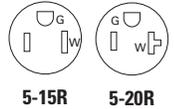
**Compliances, specifications and availability are subject to change without notice.**

# 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)



**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).

### TR Tamper resistant

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	<input type="checkbox"/> OSP10-__	•
	180° passive infrared dual relay occupancy sensing wall switch	BK, GY, LA, V, W	<input type="checkbox"/> 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	<input type="checkbox"/> OSP10M-__	•

cULus listed

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



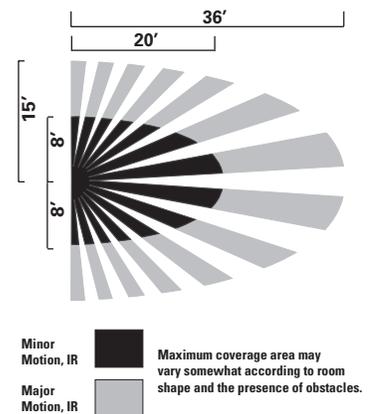
Coverage area	Description	Color suffix	Catalog no.	TITLE 24
1000 sq. ft. major motion (92.2 sq. m) 300 sq. ft. minor motion (27.9 sq. m)	180° dual tech single relay occupancy sensing wall switch	BK, GY, LA, V, W	<input type="checkbox"/> OSD10N-__	•
	180° dual tech dual relay occupancy sensing wall switch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

cULus listed

### Electronic specifications

OSP10, OSP10D, OSD10N, OSD10DN	OSP10M
<b>Power requirements:</b> 120/277V/AC @ 60Hz	<b>Power requirements:</b> 120/277V/AC @ 60Hz
<b>Maximum load:</b> 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	<b>Maximum load:</b> 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)

<b>BK</b>	<b>GY</b>	<b>LA</b>	<b>V</b>	<b>W</b>
(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



Description	Compatible lamp types	Rating		Color suffix	Catalog no.	TITLE 24
		Watt	V/AC			
Occupancy sensor & dimmer with LED single pole/3-way preset	0-10VDC LED/FLR	1200 2200	120 277	BK, GY, LA, V, W	<input type="checkbox"/> OS10D7-__	•
Vacancy sensor & dimmer with LED single pole/3-way preset	0-10VDC LED/FLR	1200 2200	120 277	BK, GY, LA, V, W	<input type="checkbox"/> 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



Rating		Watts	Description	Color suffix	Catalog no.
A	V/AC				
15	120	1	One single pole switch with LED nightlight	BK, LA, V, W	<input type="checkbox"/> 7738__
—	120	1	Full LED nightlight	BK, LA, V, W	<input type="checkbox"/> 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)



**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).

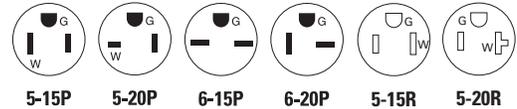
**Compliances, specifications and availability are subject to change without notice.**

# 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



AH8215HG



AH8215HGC



AH8215HGAC



AH8115W



5266NHG



5269NHG

### 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

### 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)



**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).



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		NEMA	Description	Plug catalog no.	Connector catalog no.	Receptacle catalog no.
A	V/AC					
15	125	5-15	Straight blade watertight devices (duplex receptacle)	<input type="checkbox"/> 14W47*	<input type="checkbox"/> 15W47	<input type="checkbox"/> 60W47DPLX
20	125	5-20	Straight blade watertight devices (duplex receptacle)	<input type="checkbox"/> 14W33*	<input type="checkbox"/> 15W33*	<input type="checkbox"/> 60W33DPLX
15	125	L5-15	Locking watertight devices (single receptacle)	<input type="checkbox"/> 24W47*	<input type="checkbox"/> 25W47*	<input type="checkbox"/> 65W47
20	125	L5-20	Locking watertight devices (single receptacle)	<input type="checkbox"/> L520PW*	<input type="checkbox"/> L520CW	<input type="checkbox"/> L520RW
20	250	L6-20	Locking watertight devices (single receptacle)	<input type="checkbox"/> L620PW	<input type="checkbox"/> L620CW	<input type="checkbox"/> L620RW
20	125/250	L14-20	Locking watertight devices (single receptacle)	<input type="checkbox"/> L1420PW	<input type="checkbox"/> L1420CW	<input type="checkbox"/> L1420RW
30	125	L5-30	Locking watertight devices (single receptacle)	<input type="checkbox"/> L530PW	<input type="checkbox"/> L530CW	<input type="checkbox"/> L530RW
30	250	L6-30	Locking watertight devices (single receptacle)	<input type="checkbox"/> L630PW	<input type="checkbox"/> L630CW	<input type="checkbox"/> L630RW
30	125/250	L14-30	Locking watertight devices (single receptacle)	<input type="checkbox"/> L1430PW	<input type="checkbox"/> L1430CW	<input type="checkbox"/> 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		NEMA	Description	Catalog no.
A	V/AC			
15	125	5-15	Straight blade corrosion resistant devices (duplex receptacle)	<input type="checkbox"/> AH5262CRY
20	125	5-20	Straight blade corrosion resistant devices (duplex receptacle)	<input type="checkbox"/> AH5362CRY
15	125	L5-15	Locking corrosion resistant devices (duplex receptacle)	<input type="checkbox"/> CR4700
20	125	L5-20	Locking corrosion resistant devices (single receptacle)	<input type="checkbox"/> CRL520R
20	250	L6-20	Locking corrosion resistant devices (single receptacle)	<input type="checkbox"/> CRL620R
20	125/250	L14-20	Locking corrosion resistant devices (single receptacle)	<input type="checkbox"/> CRL1420R
20	3Ø 250	L15-20	Locking corrosion resistant devices (single receptacle)	<input type="checkbox"/> CRL1520R
30	125	L5-30	Locking corrosion resistant devices (single receptacle)	<input type="checkbox"/> CRL530R
30	250	L6-30	Locking corrosion resistant devices (single receptacle)	<input type="checkbox"/> CRL630R
30	125/250	L14-30	Locking corrosion resistant devices (single receptacle)	<input type="checkbox"/> CRL1430R

For our full product offering, please visit [Eaton.com/wiringdevices](http://Eaton.com/wiringdevices)

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

# 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 <sup>®</sup> 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

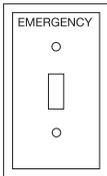
## Specification grade thermoplastic wallplates

### Product description

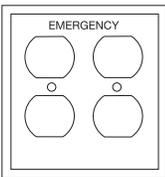
Standard size  
Mid-size

### Design features

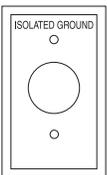
- Virtually unbreakable plates reduce installation and replacement costs
- Preferred for industrial, institutional and other high-traffic areas
- Exclusive timesaving screw-catch feature holds mounting screws captive and simplifies installation
- High gloss finish is soil-resistant



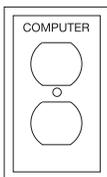
EM5134RD  
PJ1EMRD



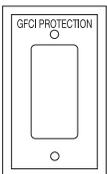
PJ82EMRD



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	<input type="checkbox"/> EM5134RD	•
	1-gang toggle, mid-size	Polycarbonate	RD	<input type="checkbox"/> PJ1EMRD	
	1-gang decorator, mid-size	Polycarbonate	RD	<input type="checkbox"/> PJ26EMRD	
	1-gang duplex receptacle, standard size	Nylon	RD	<input type="checkbox"/> EM5132RD	•
	1-gang duplex receptacle, mid-size	Polycarbonate	RD	<input type="checkbox"/> PJ8EMRD	
	2-gang toggle, mid-size	Polycarbonate	RD	<input type="checkbox"/> PJ2EMRD	
	2-gang duplex receptacle, mid-size	Polycarbonate	RD	<input type="checkbox"/> PJ82EMRD	
Isolated ground	1-gang decorator, mid-size	Polycarbonate	RN	<input type="checkbox"/> PJ26IG	
	1-gang duplex receptacle, standard size	Nylon	RN	<input type="checkbox"/> IG5132RN	•
	1-gang duplex receptacle, mid-size	Polycarbonate	RN	<input type="checkbox"/> PJ8IG	
	1-gang single receptacle, 1.40" (35.7mm) hole, mid-size	Nylon	RN	<input type="checkbox"/> IG5131RN	•
	1-gang single receptacle, 1.40" (35.7mm) hole, mid-size	Nylon	V	<input type="checkbox"/> IG5131V	•
Computer	1-gang duplex receptacle, mid-size	Polycarbonate	V	<input type="checkbox"/> PJ8COV	
	1-gang duplex receptacle, mid-size	Polycarbonate	W	<input type="checkbox"/> PJ8COW	
	GFCI protected	1-gang duplex receptacle, mid-size	Polycarbonate	V	<input type="checkbox"/> PJ8GFV
1-gang duplex receptacle, mid-size		Polycarbonate	W	<input type="checkbox"/> 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

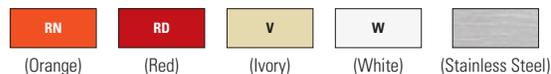


Text on wallplate	Description	Color	Catalog no.	
Emergency	1-gang toggle, standard size	Stainless steel	<input type="checkbox"/> EM93071*	•
	1-gang duplex receptacle, standard size	Stainless steel	<input type="checkbox"/> EM93101*	•
	2-gang duplex receptacle, standard size	Stainless steel	<input type="checkbox"/> 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)



**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
<b>Product line</b>	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*
<b>Contact design</b>									
5-leaf line contact	•		•						
Triple-wipe line		•		•	•	•	•	•	•
<b>Strap materials</b>									
Brass mounting strap	•				•				
Steel mounting strap		•	•	•		•	•	•	•
<b>Grounding system</b>									
1-piece integral mounting strap	•								
Brass ground shunt			•	•					
Riveted ground contact		•			•	•	•	•	•
<b>Body materials</b>									
Impact & chemical resistant nylon face	•	•	•	•	•	•	•	•	•
Glass-filled nylon base	•		•						
Nylon base	•	•	•	•			•	•	
Polycarbonate base						•			
PVC base					•				•
<b>Specialty features</b>									
Screw terminal guards	•		•						
Back wire ground terminal	•		•			•			
Tri-combo screws	•	•	•	•	•	•	•	•	•
Screw-catch feature	•		•		•				
*Tamper resistant	•		•		•	•	•	•	•
Audible alarm							•	•	
LED indicators						•	•	•	
<b>Certifications</b>									
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 Arrowlink Controlled CSA

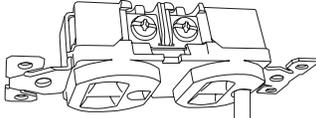
For full list of made in America product, please visit: <https://www.eaton.com/content/dam/eaton/products/wiring-devices-and-connectivity/wiring-devices/make-in-america-product-list/wiring-devices-made-in-america-product-list.pdf>  
For more information on controlled receptacles, please visit: <https://www.eaton.com/content/dam/eaton/products/wiring-devices-and-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

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# A sampling of hospital grade tests

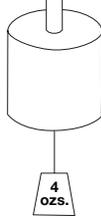
## Eaton's Arrow Hart hospital grade wiring devices meet or exceed all the UL498 hospital grade standards

### Hospital grade grounding contact overstress

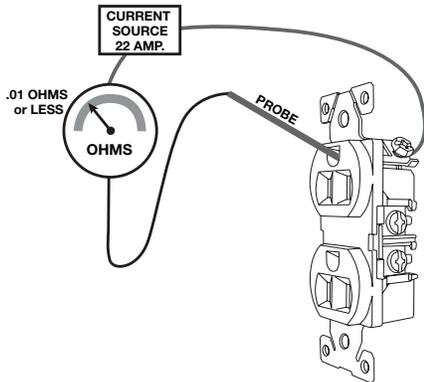


**Conditioning:**  
Oversized .204" diameter steel pin inserted 20 times into each ground contact

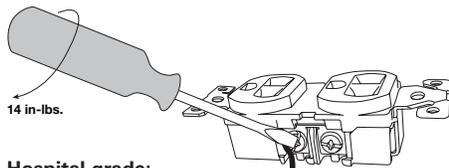
**Test:**  
Each ground contact must retain a .184" diameter polished steel pin against a 4 oz. force for 1 minute



### 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
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#### 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.

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