

# Arrow Hart

The critical demand for consistent, reliable connectivity in a healthcare environment requires quality device solutions



*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



**TRVGFH15**  
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**EM5134**  
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**The National Electric Code® Article 517 identifies device features for designated health care 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 8 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.

**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 27 for complete sampling of Hospital Grade Tests.

# CuVerro® antimicrobial copper surfaces



## What is CuVerro®?

**CuVerro® is a new type of touch surface material designed specifically for areas where cleanliness is a concern.**

- When cleaned regularly, kills more than 99.9% of bacteria\* within 2 hours and continues to kill 99% of bacteria\* even after repeated contamination
- **Registered by the U.S. Environmental Protection Agency (EPA) as a surface that continuously kills bacteria\* within 2 hours**
- 100% copper-based alloy
- Professional medical grade appearance that is tarnish resistant
- Poses no threat to human health
- Continuously kills bacteria\* between touches and regular cleanings



Aesthetics



Environmental Durability



Safety



### Challenge

**Hospital Acquired Infections (HAI's) are a growing concern among hospitals everywhere**

- 1 in 20 patients contract an HAI causing up to 100,000 deaths each year<sup>1</sup>
- Approximately \$45 Billion is spent annually for treatment of HAI's<sup>1</sup>

**Outbreaks can and do happen outside of healthcare facilities**

- Foodborne disease causes approximately 76 million infections contributing to 5,000 deaths annually<sup>2</sup>
- Educational facilities and public buildings provide ideal conditions for spreading infectious bacteria<sup>2</sup>

### Solution

**Arrow Hart products made with CuVerro® touch surfaces that when cleaned regularly continuously kill bacteria\* left behind by dirty hands, killing more than 99.9% of bacteria\* within 2 hours.**

- CuVerro is an EPA registered\*\* copper-based alloy that helps to inhibit buildup and growth of bacteria\* within 2 hours of exposure between routine cleaning and sanitizing steps
- EPA testing conducted under Good Laboratory Practices has shown that copper alloys significantly and consistently reduce the amount of bacteria living on high-touch surfaces
- From healthcare settings to educational, hospitality and public facilities, when cleaned regularly, CuVerro continuously reduces bacteria\* contamination, achieving 99.9% reduction within 2 hours of exposure

## CuVerro switches and wallplates



### Switch with CuVerro® antimicrobial touch surface

Touch surfaces constructed of EPA registered\*\* CuVerro® antimicrobial copper

Durable enough for hospital grade cleaners



### Wallplate with CuVerro® antimicrobial copper surface

Touch surfaces constructed of EPA registered\*\* CuVerro® antimicrobial copper

Unlike coatings, CuVerro surfaces are wear resistant and the durable antibacterial\* properties will remain effective for as long as the product remains in place and is used as directed

\*Laboratory testing shows that, when cleaned regularly, CuVerro® antimicrobial copper surfaces kill greater than 99.9% of the following bacteria within 2 hours of exposure: MRSA, Staphylococcus aureus, Enterobacter aerogenes, Pseudomonas aeruginosa, and E. coli O157:H7. CuVerro® antimicrobial copper surfaces are a supplement to and not a substitute for standard infection control practices and have been shown to reduce microbial contamination, but do not necessarily prevent cross contamination; users must continue to follow all current infection control practices, including those practices related to cleaning and disinfection of environmental surfaces. CuVerro is a registered trademark of GBC Metals, LLC and is used with permission, CW-0013-1207.

\*\*EPA registration number 85353-5 (CUR series) and 85353-3 (CU series)

CuVerro products are not available in Mexico and Canada.



# Critical care and nurse's 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

- 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 device faces 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 with CuVerro® antimicrobial copper surfaces, 302/304 stainless steel, solid brass or chemically resistant nylon thermoplastic
- Standard size, mid-sized and oversized plates in a wide variety of configurations, including emergency identification

[CuVerro® series](#)   [5100 series](#)   [93000 series](#)   [94000 series](#)



**AH8215HG**  
Ultra grip plug



**6265HGC**  
Safety grip angled plug



**7750**  
USB charging station



**IG8200HG\_S**  
Isolated ground SPD receptacle

## Nurse's 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
- Virtually unbreakable polycarbonate construction

[CuVerro® series](#)   [5100 series](#)   [93000 series](#)   [94000 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

- Shock Sentry lockout protects against mis-wiring and GFCI circuitry damage; large indicator light shows tripped or end-of-life condition
- UL Listed safety shutter system prevents insertion of foreign objects
- NEC Article 517.18(C) compliance which states tamper resistant outlets must be used in pediatric care locations

[Tamper resistant](#)   [Shock Sentry](#)   [GFCI](#)

#### Wallplates

- Available with CuVerro® antimicrobial copper surfaces, 302/304 stainless steel, solid brass or chemically resistant nylon thermoplastic
- Standard size, mid-sized and oversized plates in a wide variety of configurations, including emergency identification

[CuVerro® series](#)   [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-pole, double-pole, 3-way and 4-way configurations

[CuVerro® series](#)   [1890 & 1990 Series](#)   [3030 Series](#)   [AH1100 & AH1200 series](#)



**TRVGFH15**  
Tamper resistant  
GFCI



**TR8200**  
Tamper resistant  
receptacles



**TR8345**  
USB charging station



**AH8300**  
Duplex receptacle

## 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

- The 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](#)

# 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

#### Mobile X-ray plugs

- Positive engagement single post design
- Receiving devices feature spring-loaded safety shutters on outlets to keep out foreign matter and eject plugs not fully locked in
- Designed for applications requiring an absolutely secure connection that energizes within a chamber to eliminate the possibility of exterior arcing

[25525](#)   [25625](#)

#### Receptacles

- SPD receptacles have hospital grade surge suppressor with exceptional clamping and surge current ratings
- The SPD has LED indicators and audible alarm indicates 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](#)   [IG8200 series](#)   [IG8300 series](#)   [IG8400 series](#)  
[IG8600 series](#)   [AH8200 series](#)   [AH8300 series](#)   [AH8400 series](#)



**25525**  
Mobile X-Ray power-lock plug



**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 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 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

- Available with CuVerro<sup>®</sup> antimicrobial copper surfaces, 302/304 Stainless Steel, solid brass or chemically resistant nylon thermoplastic
- Standard size, mid-sized and oversized plates in a wide variety of configurations, including emergency identification

[CuVerro<sup>®</sup> series](#)   [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
- CuVerro® toggle insert constructed of EPA registered CuVerro® antimicrobial copper surfaces
- CuVerro® is available in 15 amp and 20 amp models, single-pole, double-pole, 3-way and 4-way configurations
- Broad line of devices that includes switches, receptacles and specialty devices

[CuVerro® series](#)   [6200 series](#)   [6300 series](#)   [6400 series](#)  
[7600 series](#)   [8260 series](#)   [8360 series](#)

#### Mid-sized screwless wallplates

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

[PJS series](#)



**TRVGFH15**  
Decorator receptacle



**7601CUR**  
**AH1221CUR**  
CuVerro® switches



**OSD10N**  
Wall mount occupancy sensor



**DFIOP**  
Decorator dimmer

## 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](#)   [DFIOP](#)   [SF10P](#)

#### Mid-sized screwless wallplates

- Sleek, smooth and seamless look with no visible screws
- Available in toggle, duplex receptacle and decorator openings in a broad variety of colors and gangs

[PJS series](#)



# 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

- Shock Sentry lockout protects against mis-wiring and GFCI circuitry damage
- Integral tamper resistant shutters for child safety
- When downstream GFCI receptacles are wired from the load side, a 20 amp feed-through rating offers full protection

[TRVGFH series](#) [VGFH series](#)

#### Wallplates with CuVerro® antimicrobial copper surfaces

- Touch surfaces constructed of EPA registered\*\* CuVerro® antimicrobial copper
- When cleaned regularly, CuVerro® antimicrobial copper surface delivers continuous and ongoing antibacterial\* action, remaining effective in killing greater than 99.9% of bacteria\* within 2 hours

[CuVerro® series](#)



**TRVGFH15**  
Duplex GFCI



**93401CUR**  
CuVerro® wallplates

## 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 washdown 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 UL493, UL498 and Hospital Grade standards with dependability and ruggedness
- GFCIs available in 15 and 20 amp models with 20 amp feed through ratings

[TRVGF series](#) [VGF 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

- Available with CuVerro® antimicrobial copper surfaces, 302/304 Stainless Steel, solid brass or chemically resistant nylon thermoplastic
- Standard size, mid-sized and oversized plates in a wide variety of configurations, including emergency identification

[CuVerro® series](#) [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](#)   [5266NCR](#)   [5366NCR](#)   [AH5965CR](#)   [5200 series](#)   [5300 series](#)

#### Motor controls & disconnects

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

#### X-switch series



**AHL520R**  
Industrial receptacle



**AHMC340XC**  
40 amp X-switch

## 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 to 1,000 psi when devices are properly mated
- WLRS1 covers are 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 watertight mechanical interlocks

- Rugged housing provides superior corrosion and impact resistance NEMA 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

#### 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](#)



**CD460M17W**  
Pin & sleeve watertight mechanical interlock



**WLRS1**  
Industrial grade wet location cover

# CuVerro® specification grade AC switches

## Product Description

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

## Design features for CuVerro® switches

- Touch surfaces constructed of EPA registered\*\* CuVerro® antimicrobial copper
- When cleaned regularly, CuVerro® antimicrobial copper surface delivers continuous and ongoing antibacterial\* action, remaining effective in killing greater than 99.9% of bacteria\* within 2 hours
- CuVerro® antimicrobial copper alloy helps inhibit buildup and growth of bacteria\* within 2 hours of exposure between routine cleaning and sanitizing steps
- Patented spring cup toggle design for robust actuation (AH1200 series)
- Tapered back openings handle multiple wire sizes and types for applications up to #10 AWG solid or stranded wire
- One-piece wrap around auto-grounding strap for ground integrity in severe conditions (7600 series)
- Stippled line and ground contacts ensure solid contact; ground screw clamp provides secure wiring and reduces installation time
- Tarnish resistant with minimal color change over time

## Decorator Switches

Catalog No.	Description	Rating		Color Suffix	▶
		Amps	V/AC		
<input type="checkbox"/> 7601__	Single-pole decorator switch w/CuVerro® paddle	15	120/277	CU, CUR	•
<input type="checkbox"/> 7603__	3-way decorator switch w/CuVerro® paddle	15	120/277	CU, CUR	
<input type="checkbox"/> 7604__	4-way decorator switch w/CuVerro® paddle	15	120/277	CU, CUR	
<input type="checkbox"/> 7621__	Single-pole decorator switch w/CuVerro® paddle	20	120/277	CU, CUR	
<input type="checkbox"/> 7622__	Double-pole decorator switch w/CuVerro® paddle	20	120/277	CU, CUR	•
<input type="checkbox"/> 7623__	3-way decorator switch w/CuVerro® paddle	20	120/277	CU, CUR	
<input type="checkbox"/> 7624__	4-way decorator switch w/CuVerro® paddle	20	120/277	CU, CUR	

Compliant with: cULus & Fed Spec

## Toggle Switches

Catalog No.	Description	Rating		Color Suffix	▶
		Amps	V/AC		
<input type="checkbox"/> AH1221__	Single-pole switch w/CuVerro® toggle	20	120/277	CU, CUR	•
<input type="checkbox"/> AH1222__	Double-pole switch w/CuVerro® toggle	20	120/277	CU, CUR	
<input type="checkbox"/> AH1223__	3-way switch w/CuVerro® toggle	20	120/277	CU, CUR	
<input type="checkbox"/> AH1224__	4-way switch w/CuVerro® toggle	20	120/277	CU, CUR	

Compliant with: cULus & Fed Spec

## Color Ordering Information

For ordering devices, include Catalog No. followed by the Color Suffix: CU (White Bronze), CUR (Rose)



White Bronze      Rose

\*\*EPA Registration Number 85353-5 (7600CUR & AH1200CUR Series) and 85353-3 (7600CU & AH1200CU Series)

**Testing & Code Compliance:** cULus Listed to UL20 file no. E18704. UL verified to Federal Spec. WC-896E.

**Material Characteristics:** Environmental: Flammability meets UL94 requirements, V2 rated. Temperature Rating: -20°C to 60°C (-4°F to 140°F). CuVerro products are not available in Mexico and Canada.

\*See footnote on back cover



7601CUR



7601CU



AH1221CUR



AH1221CU

▶ 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

# CuVerro<sup>®</sup> specification grade wallplates

## Product Description

Standard size

Toggle, single & duplex receptacle, decorator, blank box-mounted



93401CUR



93402CU



93071CUR




93101CUR

## Design features for CuVerro<sup>®</sup> wallplates

- Touch surfaces constructed of EPA registered\*\* CuVerro<sup>®</sup> antimicrobial copper
- When cleaned regularly, CuVerro<sup>®</sup> antimicrobial copper surface delivers continuous and ongoing antibacterial\* action, remaining effective in killing greater than 99.9% of bacteria\* within 2 hours
- CuVerro<sup>®</sup> antimicrobial copper alloy helps inhibit buildup and growth of bacteria\* within 2 hours of exposure between routine cleaning and sanitizing steps
- Stamped from 0.032" (0.81mm) thick CuVerro<sup>®</sup> antimicrobial copper surfaces
- Superior non-corrosive and non-magnetic properties for applications needing protection from those elements
- Tarnish resistant with minimal color change over time

## Wallplates

Catalog No.	Description	Configuration	Color Suffix	
<input type="checkbox"/> 93071__	Toggle wallplate w/CuVerro <sup>®</sup>	1-gang	CU, CUR	•
<input type="checkbox"/> 93072__	Toggle wallplate w/CuVerro <sup>®</sup>	2-gang	CU, CUR	•
<input type="checkbox"/> 93073__	Toggle wallplate w/CuVerro <sup>®</sup>	3-gang	CU, CUR	•
<input type="checkbox"/> 93074__	Toggle wallplate w/CuVerro <sup>®</sup>	4-gang	CU, CUR	•
<input type="checkbox"/> 93091__	Single receptacle wallplate w/CuVerro <sup>®</sup>	1-gang	CU, CUR	•
<input type="checkbox"/> 93101__	Duplex receptacle wallplate w/CuVerro <sup>®</sup>	1-gang	CU, CUR	•
<input type="checkbox"/> 93102__	Duplex receptacle wallplate w/CuVerro <sup>®</sup>	2-gang	CU, CUR	•
<input type="checkbox"/> 93103__	Duplex receptacle wallplate w/CuVerro <sup>®</sup>	3-gang	CU, CUR	•
<input type="checkbox"/> 93401__	Decorator wallplate w/CuVerro <sup>®</sup>	1-gang	CU, CUR	•
<input type="checkbox"/> 93402__	Decorator wallplate w/CuVerro <sup>®</sup>	2-gang	CU, CUR	•
<input type="checkbox"/> 93403__	Decorator wallplate w/CuVerro <sup>®</sup>	3-gang	CU, CUR	•
<input type="checkbox"/> 93404__	Decorator wallplate w/CuVerro <sup>®</sup>	4-gang	CU, CUR	•
<input type="checkbox"/> 93151__	Blank box-mounted wallplate w/CuVerro <sup>®</sup>	1-gang	CU, CUR	•
<input type="checkbox"/> 93152__	Blank box-mounted wallplate w/CuVerro <sup>®</sup>	2-gang	CU, CUR	•
<input type="checkbox"/> 93153__	Blank box-mounted wallplate w/CuVerro <sup>®</sup>	3-gang	CU, CUR	•
<input type="checkbox"/> 93154__	Blank box-mounted wallplate w/CuVerro <sup>®</sup>	4-gang	CU, CUR	•

## Color Ordering Information

For ordering devices, include Catalog No. followed by the Color Suffix: CU (White Bronze), CUR (Rose)



White Bronze      Rose

\*\*EPA Registration Number 85353-5 (7600CUR & AH1200CUR Series) and 85353-3 (7600CU & AH1200CU Series)

**Testing & Code Compliance:** cULus Listed to UL20 file no. E18704. UL verified to Federal Spec. WC-896E.

**Material Characteristics:** Environmental: Flammability meets UL94 requirements, V2 rated. Temperature Rating: -20°C to 60°C (-4°F to 140°F). CuVerro products are not available in Mexico and Canada.

\*See footnote on back cover

# USB charging devices

## Product Description

2-pole, 3-wire grounding  
15A 125V, 5V/DC, 2.1A, 20A 125V, 5V/DC, 2.1A

## Design features for hospital grade combination USB receptacle

- Hospital grade AC duplex receptacle with two USB charging ports rated at 2.1A
- Dual USB charging ports charge most compatible electronic devices that charge via a 5V charger adapter
- Three (3) pre-stripped 6" wire leads for line, neutral and ground for quick and easy installation
- Tamper resistant shutters provide compliance with 2011 NEC® Article 517.18(C) that states that receptacles located in pediatric areas of a hospital must be tamper resistant



TR8245

## Pre-Stripped Wire Leads

Catalog No.	Description	Amps	V/AC	Amps	V/DC	Color Suffix
□ TR8245__	USB charger with hospital grade tamper resistant duplex receptacle	15	120/277	2.1	5	GY, LA, RD, V, W
□ TR8345__	USB charger with hospital grade tamper resistant duplex receptacle	20	120/277	2.1	5	GY, LA, RD, V, W

Compliant with: cULus



TR8245

## Product Description

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

## Design features for USB charging station

- USB charging ports, rated at 5.0 Amps total, charge most compatible electronic devices that charge via a 5V charger adapter
- Three (3) pre-stripped 6" wire leads for line, neutral and ground for quick and easy installation
- Replaces a standard duplex receptacle



7750

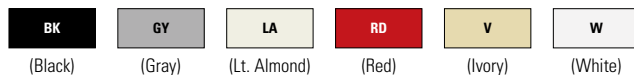
## Pre-Stripped Wire Leads

Catalog No.	Description	Amps	V/DC	Color Suffix
□ 7750__	USB charging station	5.0 total	5	GY, LA, RD, V, W

Compliant with: UL

## 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)



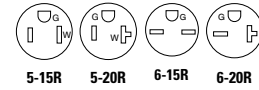
**Testing & Code Compliance:** Combination USB/receptacle is cULus listed to UL498 and UL1310, USB charging station is UL listed to UL1310, File no. E362460. **Material Characteristics:** Combination USB/receptacle Environmental: Flammability meets UL94 requirements; V2 Rated Temperature Rating: -20°C to 60°C (-4°F to 140°F). USB charging station Environmental: Flammability meets UL94 requirements; 5V rated, Temperature Rating: -20°C to 39°C (-4°F to 102°F)



# Premium hospital grade straight blade receptacles

## Product Description

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



AH8200





8310

## Design features for premium hospital grade receptacles

- Exclusive screw terminal guards provide fast, easy insulation from conductive surfaces (Cat No. 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 (Cat No. AH8200/AH8300)
- Exclusive 5-leaf nickel-plated brass line contacts ensure lowest heat rise, smooth plug blade insertion, long-term retention and corrosion resistance (Cat No. AH8200/AH8300)
- Rigid, glass reinforced nylon base lends ultimate strength and superior high heat resistance in contact carrier (Cat No. AH8200/AH8300)
- High impact and chemical-resistant nylon face
- ArrowLink modular plug and connector provide high quality circuit connections and incorporate a first make/last break ground design
- Automatic grounding system eliminates need for bonding jumper in grounded metal enclosure, provides redundant measure of ground continuity where jumper used
- Long-life neon bulb in illuminated devices easily identifies emergency circuits

## Back & Side Wire

Catalog No.	Description	Amp	Volt	NEMA	Color Suffix		
<input type="checkbox"/> AH8200__	Duplex hospital grade receptacle <sup>①</sup>	15	125	5-15R	B, GY, RD, V, W	•	•
<input type="checkbox"/> AH8200LT__	Illuminated duplex hospital grade receptacle <sup>①②</sup>	15	125	5-15R	V, W	•	•
<input type="checkbox"/> 8210__	Single hospital grade receptacle <sup>①</sup>	15	125	5-15R	B, GY, V, W	•	•
<input type="checkbox"/> AH8600__ <sup>③</sup>	Duplex hospital grade receptacle	15	250	6-15R	V, W	•	•
<input type="checkbox"/> 8610__ <sup>③</sup>	Single hospital grade receptacle <sup>①</sup>	15	250	6-15R	V, W	•	•
<input type="checkbox"/> AH8300__G	Duplex hospital grade receptacle <sup>①</sup>	20	125	5-20R	B, BK, GY, LA, RD, V, W	•	•
<input type="checkbox"/> AH8300LT__	Illuminated duplex hospital grade receptacle <sup>①</sup>	20	125	5-20R	RD, V	•	•
<input type="checkbox"/> 8310__ <sup>①</sup>	Single hospital grade receptacle <sup>①</sup>	20	125	5-20R	B, RD, V, W	•	•
<input type="checkbox"/> AH8400__ <sup>①</sup>	Duplex hospital grade receptacle	20	250	6-20R	B, GY, RD, V, W	•	•
<input type="checkbox"/> 8410__ <sup>①</sup>	Single hospital grad receptacle <sup>①</sup>	20	250	6-20R	B, RD, V, W	•	•

① Pre-wired device available — consult your sales representative

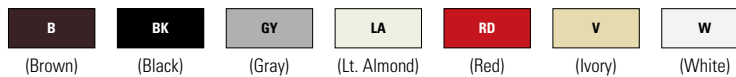
② Meet all UL, CSA & Federal Specifications, but differ in design and construction from duplexes noted above

③ Not NOM Certified

Compliant with: UL, CSA, Fed Spec & NOM

## 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 UL498, 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 UL94 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).



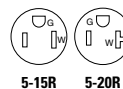
 ArrowLink option available. Add "M" suffix to Standard catalog number (example AH8300W, AH8300WM). For ordering information on ArrowLink & ArrowLink SPD connectors, see Arrow Hart Buyers Guide

 NAFTA Compliant

# Hospital grade straight blade receptacles

## Product Description

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



## Design features for hospital grade duplex receptacles

- Tamper resistant shutters provide compliance with 2011 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
- High impact and chemical-resistant nylon face
- All terminal (H-N-G) and mounting screws nickel-plated, triple combination (Slot/Phillips/Robertson) head for superior corrosion resistance and maximum flexibility
- Automatic grounding system eliminates need for bonding jumper in grounded metal enclosure, provides redundant measure of ground continuity where jumper used



8300



TR8200



8310M

## Back & Side Wire

Catalog No.	Description	Amp	Volt	NEMA	Color Suffix	▶	🇺🇸
□ 8200__	Duplex hospital grade receptacle <sup>Ⓞ</sup>	15	125	5-15R	B, GY, RD, V, W	•	•
□ 8300__	Duplex hospital grade receptacle <sup>Ⓞ</sup>	20	125	5-20R	B, GY, LA, RD, V, W	•	•

Ⓞ Pre-wired device available — consult your sales representative

Compliant with: UL, CSA and Fed Spec

## Tamper Resistant, Back & Side Wire

Catalog No.	Description	Amp	Volt	NEMA	Color Suffix	▶	🇺🇸
□ TR8200__	TR duplex hospital grade receptacle	15	125	5-15R	GY, RD, V, W	•	
□ TR8300__	TR duplex hospital grade receptacle	20	125	5-20R	B, GY, RD, V, W	•	

Compliant with: cULus, Fed Spec & NOM

## Design features for single receptacles - special use panel-mount devices

- Heavy gauge, 0.037" (0.94mm) triple-wipe brass line contacts provide excellent long-term plug blade retention
- Wrap-around mounting strap locked into base of device
- High impact and chemical-resistant nylon body & face
- 1.9375" (49.21mm) center-to-center mounting distances are tapped #8-32

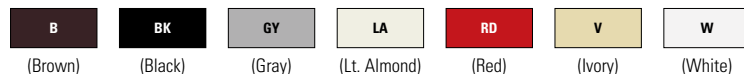
## Back & Side Wire - Short Strap

Catalog No.	Description	Amp	Volt	NEMA	Color Suffix	▶	🇺🇸
□ 8210M__	Panel mount HG single receptacle	15	125	5-15R	B, V	•	
□ 8310M__	Panel mount HG single receptacle	20	125	5-20R	RD, V	•	

Compliant with: UL, CSA & Fed Spec

## Color Ordering Information

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



**Testing & Code Compliance:** Listed to UL498, files no. E15058 (duplex), E2369 (single), E140596 (TR8000 Series) UL verified to Federal Spec. WC-596G. CSA Certified to C22.2, no. 42, file no. 6914, (6233-01) LR16063 (TR800 Series). **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).



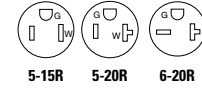
▶ ArrowLink option available. Add "M" suffix to Standard catalog number (example AH8300W, AH8300WM). For ordering information on ArrowLink & ArrowLink SPD connectors, see Arrow Hart Buyers Guide

🇺🇸 NAFTA Compliant

# Hospital grade straight blade isolated ground receptacles

## Product Description

2-pole, 3-wire isolated ground  
15A 125V, 20A 125V, 20A 250V



IG8200



IG8300

## Design features for isolated ground hospital grade receptacles

- Exclusive screw terminal guards provide an insulating barrier
- Exclusive 5-leaf, brass line contacts ensure lowest heat rise, smooth plug blade insertion and long-term retention
- Rigid, glass reinforced nylon base lends ultimate strength and superior high heat resistance in contact carrier
- Exclusive 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
- High impact and chemical-resistant nylon face
- Tapered lead-in slots on back wiring holes assist in gathering stranded wires for faster, more secure connections
- Automatic grounding system assures wallplate grounding in grounded metal enclosure
- ArrowLink modular plug and connector provide high quality circuit connections and incorporate a first make/last break grounding design

## Isolated Ground, Back & Side Wire

Catalog No.	Description	Amp	Volt	NEMA	Color Suffix		
<input type="checkbox"/> IG8200__	IG duplex hospital grade receptacle	15	125	5-15R	GY, RD, RN, V, W	•	•
<input type="checkbox"/> IG8210RN	IG single hospital grade receptacle <sup>Ⓞ</sup>	15	125	5-15R	RN	•	•
<input type="checkbox"/> IG8300__	IG duplex hospital grade receptacle	20	125	5-20R	GY, RD, RN, V, W	•	•
<input type="checkbox"/> IG8310RN	IG single hospital grade receptacle <sup>Ⓞ</sup>	20	125	5-20R	RN	•	•
<input type="checkbox"/> IG8400RN	IG duplex hospital grade receptacle	20	250	6-20R	RN	•	•

<sup>Ⓞ</sup> Meet all UL, CSA & Federal Specifications, but differ in design and construction from duplexes noted above  
Compliant with: UL, CSA & Fed Spec

## ArrowLink Receptacle Connectors

Catalog No.	Description
<input type="checkbox"/> MCR125SOL	ArrowLink modular receptacle 125V building wire connector, solid wire
<input type="checkbox"/> MCR125STR	ArrowLink modular receptacle 125V building wire connector, stranded wire
<input type="checkbox"/> MCR250SOL	ArrowLink modular receptacle 250V building wire connector, solid wire
<input type="checkbox"/> MCR250STR	ArrowLink modular receptacle 250V building wire connector, stranded wire
<input type="checkbox"/> MCR300FTST	ArrowLink SPD 300V building wire connector, screw terminal
<input type="checkbox"/> MCR300FTPI	ArrowLink SPD 300V building wire connector, push-in

## Color Ordering Information

For ordering devices, include Catalog No. followed by the Color Suffix: GY (Gray), RD (Red), RN (Orange), V (Ivory), W (White)



**Testing & Code Compliance:** Listed to UL498, file no. E15058, UL verified to Federal Spec. WC-596G, CSA Certified to C22.2, no. 42, file no. 6914 (6233-01). **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

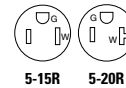
NAFTA Compliant



# Hospital grade decorator straight blade receptacles

## Product Description

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



## Design features for decorator hospital grade duplex receptacles

- Exclusive 5-leaf brass line contacts ensure lowest heat rise, smooth plug blade insertion, long-term retention and corrosion resistance
- 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
- 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 an insulating barrier
- Automatic grounding system eliminates need for bonding jumper in grounded metal enclosure, provides redundant measure of ground continuity where jumper used
- Long-life neon bulb in illuminated devices easily locates emergency circuits



8362



IG8362

## Back & Side Wire

Catalog No.	Description	Amp	Volt	NEMA	Color Suffix	▶	🇺🇸
□ 8262__	Decorator duplex hospital grade receptacle	15	125	5-15R	GY, RD, V, W	•	•
□ 8262LT__	Illuminated decorator duplex hospital grade receptacle	15	125	5-15R	V, W	•	•
□ 8362__	Decorator duplex hospital grade receptacle	20	125	5-20R	B, BK, GY, RD, V, W	•	•
□ 8362LT__	Illuminated decorator duplex hospital grade receptacle	20	125	5-20R	RD, V, W	•	•

Compliant with: UL, CSA, Fed Spec & NOM

## Isolated Ground, Back & Side Wire

Catalog No.	Description	Amp	Volt	NEMA	Color Suffix	▶	🇺🇸
□ IG8262__	IG decorator duplex hospital grade receptacle	15	125	5-15R	GY, RN, V, W	•	•
□ IG8362__	IG decorator duplex hospital grade receptacle	20	125	5-20R	GY, RN, V, W	•	•

Compliant with: UL, CSA, Fed Spec & NOM

## Color Ordering Information

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



**Testing & Code Compliance:** Listed to UL498, file no. E15058, UL verified to Federal Spec. WC-596G, CSA Certified to C22.2, no. 42, file no. 6914 (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

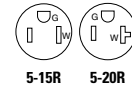


NAFTA Compliant

# Hospital grade SPD receptacles

## Product Description

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



8200\_\_S



IG8200\_\_S

## Design features for SPD receptacles with LED indicators and switched alarms

- Provides surge protection for hot to neutral and hot to ground
- 8-hole back and side wired
- 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

## Back & Side Wire

Catalog No.	Clamping Voltage	Joules/MCOV	Max Surge Current Amp	Volt	NEMA	Color Suffix	▶
□ 8200__S	400V	280J/150V/AC RMS	18kA per mode	15	125	5-15R BL, RN, V, W	•
□ 8300__S	400V	280J/150V/AC RMS	18kA per mode	20	125	5-20R BL, RN, V, W	•

Compliant with: UL & CSA

## Isolated Ground, Back & Side Wire

Catalog No.	Clamping Voltage	Joules/MCOV	Max Surge Current Amp	Volt	NEMA	Color Suffix	▶
□ IG8200HG__S	400V	280J/150V/AC RMS	18kA per mode	15	125	5-15R BL, RN, V, W	•
□ 8300__S	400V	280J/150V/AC RMS	18kA per mode	20	125	5-20R BL, RN, V, W	•

Compliant with: UL & CSA

## Color Ordering Information

For ordering devices, include Catalog No. followed by the Color Suffix: BL (Blue), RN (Orange), V (Ivory), W (White)



**Testing & Code Compliance:** Listed to UL1449, file no. 2369., Meets all UL498 (Hospital Grade) requirements., CSA certified to C22.2, no. 42, file no. 7087. **Material Characteristics:** Nylon., Environmental: Flammability meets UL94 requirements; V2 rated., Temperature Rating: -40°C to 60°C (-40°F to 140°F).

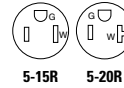


▶ ArrowLink option available. Add "M" suffix to Standard catalog number (example AH8300V, AH8300WM). For ordering information on ArrowLink & ArrowLink SPD connectors, see Arrow Hart Buyers Guide

# Hospital grade GFCIs

## Product Description

2-pole, 3-wire grounding  
 20A feed-through rating  
 15A 125V, 20A 125V



## Design features for hospital grade duplex GFCI receptacles

- UL Listed, fully compliant with all latest UL943 (4th edition) Class A GFCI, UL498 hospital grade requirements
- Shock Sentry lock-out function protects from miswired line-load connections and GFCI circuitry damage
- Large visual indicator light provides quick visual reference of a tripped or “end of life” condition.
- When downstream receptacles are wired from load side, a 20 amp feed through rating offers full protection
- Trip threshold (5ma+/-1ma) and response time (0.025 sec.) meet Class A requirements
- Maximum wiring flexibility is provided with 8 separate back wire holes that accept up to #10 AWG stranded or solid wire
- ArrowLink modular plug and connector provide high quality circuit connections and incorporate a first make/last break grounding design
- Matching thermoplastic wallplate included
- Tamper resistant version for compliance with NEC Article 517.18(C) states that all receptacles installed in pediatric wards must be tamper resistant



VGFH15



TRVGFH15

## Back & Side Wire

Catalog No.	Description	Amp	Volt	NEMA	Color Suffix		
□ VGFH15__	Duplex hospital grade GFCI receptacle	15	125	5-15R	B, GY, LA, RD, V, W	•	
□ VGFH15F__	Duplex hospital grade GFCI receptacle, NAFTA	15	125	5-15R	B, GY, LA, RD, V, W	• •	
□ VGFH20__	Duplex hospital grade GFCI receptacle	20	125	5-20R	B, GY, LA, RD, V, W	•	
□ VGFH20F__	Duplex hospital grade GFCI receptacle, NAFTA	20	125	5-20R	B, GY, LA, RD, V, W	• •	

Compliant with: cULus, & NOM

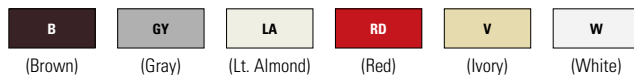
## Tamper Resistant, Back & Side Wire

Catalog No.	Description	Amp	Volt	NEMA	Color Suffix		
□ TRVGFH15__	TR duplex hospital grade GFCI receptacle	15	125	5-15R	B, LA, RD, V, W	•	
□ TRVGFH15F__	TR duplex hospital grade GFCI receptacle, NAFTA	15	125	5-15R	B, GY, LA, RD, V, W	• •	
□ TRVGFH20__	TR duplex hospital grade GFCI receptacle	20	125	5-20R	B, GY, RD, V, W	•	
□ TRVGFH20F__	TR duplex hospital grade GFCI receptacle, NAFTA	20	125	5-20R	B, GY, LA, RD, V, W	• •	

Compliant with: cULus, & NOM

## Color Ordering Information

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



**Testing & Code Compliance:** cULus Listed, file no. E60120., Meets all UL943 (GFCI) and UL 498 (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).



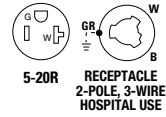
ArrowLink option available. Add “M” suffix to Standard catalog number (example AH8300W, AH8300WM). For ordering information on ArrowLink & ArrowLink SPD connectors, see Arrow Hart Buyers Guide



# Hospital grade receptacles

## Product Description

2-pole, 3-wire grounding  
20A 125V



23050

## Design features for "hospital only" power-lock single receptacles

- Fits all standard single receptacle wallplates
- Binding screw type, for side wiring

## Back & Side Wire - Short Strap

Catalog No.	Description	Amp	Volt	NEMA	Color	
<input type="checkbox"/> 23050	Power-lock hospital use single receptacle	20	125	5-20R	BK	

**Note:** Catalog No. 23050 is not designed for use in hazardous areas

Compliant with: UL & CSA

## Design features for "hospital only" power-lock plugs & connectors

- Nylon shell resists breakage in high abuse area
- Dual range cord clamp secures small or large diameter cords

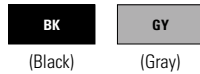
## 2-Pole, 3-Wire

Catalog No.	Description	Cord Diameter	Amp	Volt	Color	
<input type="checkbox"/> 23056N	Hospital use, nylon plug	0.33"-0.66" (8.4-16.7mm)	20	125	GY	
<input type="checkbox"/> 23054N	Hospital use, nylon connector	0.33"-0.66" (8.4-16.7mm)	20	125	GY	
<input type="checkbox"/> 23056	Hospital use, armored plug	0.33"-0.66" (8.4-16.7mm)	20	125	GY	
<input type="checkbox"/> 23054	Hospital use, armored connector	0.33"-0.66" (8.4-16.7mm)	20	125	GY	

Compliant with: UL & CSA

## Color Ordering Information

BK (Black), GY (Gray)



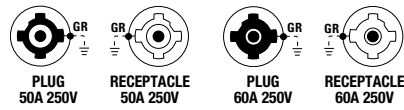
**Testing & Code Compliance:** Listed to UL498, file no. E2369 (23050), CSA Certified to C22.2, no. 42, file no. LR7087 (23050) **Material Characteristics:** Glass filled nylon (23050) Environmental: Flammability meets UL94 requirements; 23050 series V0 rated, Temperature Rating: 23050 series -40°C to 105°C (-40°F to 221°F).



# Hospital use mobile X-ray power-lock devices

## Product Description

2-pole, 3-wire grounding  
50A 250V, 60A 250V



## Design features for hospital use power-lock receptacles

- Fiberglass reinforced nylon interior
- 12" (304.8mm), #6 AWG wire leads

## Receptacles - Stainless Steel Plate Assembly

Catalog No.	Description	Amp	Volt	Color
□ 25505	Receptacle and plate	50	250	Stainless steel
□ 25605	Receptacle and plate	60	250	Stainless steel

Compliant with: UL



25605

## Design features for hospital use power-lock plugs

- Glass reinforced nylon interior
- Pressure type terminals
- Back wired dead front design

## Plugs - Back Wired "Dead-Front" Design

Catalog No.	Description	Cord Diameter	Amp	Volt	Color
□ 25525 <sup>Ⓢ</sup>	Hospital use plug	0.75"-1.25" (19.1-31.8mm)	50	250	GY
□ 25625	Hospital use plug	0.75"-1.25" (19.1-31.8mm)	60	250	GY

Ⓢ Fits both 50A and 60A X-ray receptacles

Compliant with: cULus



25509

## Design features for hospital use power-lock wall box

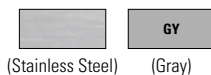
- Accommodates 50A or 60A receptacles
- Gray enamel finish
- KO sizes 1.25" (31.85mm), 1.50" (38.1mm) and 2" (50.8mm)

## Wall Box - Stamped Steel

Catalog No.	Description	Color
□ 25509	Wall box	GY

## Color Ordering Information

Stainless Steel, GY (Gray)



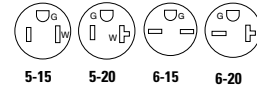
**Testing & Code Compliance:** Listed to UL498, file no. E2369 (receptacle assemblies) & E3663 (plugs), except 25509, 25500 & 25600 Series cULus Listed to UL498, file no. E3663 (plugs). **Material Characteristics:** Glass filled nylon interiors (receptacles & plugs), Environmental: Flammability meets UL94 requirements, V0 rated, Temperature Rating: -40°C to 105°C (-40°F to 221°F).



# Hospital grade plugs and connectors

## Product Description

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



AH8215HG



AH8215HGC




AH8215HGAC

## Design features for hospital grade plugs & connectors

- Marked "hospital grade" and identified with "green dot" symbol
- Ultra grip series ergonomically designed for comfort and stability
- EPDM rubber gasket in ultra grip series and neoprene gasket in safety grip seals cord hole on straight plugs and connectors
- 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

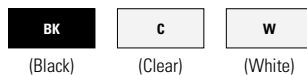
## Hospital Grade Plugs & Connectors

Catalog No.	Description	Cord Diameter	Amp	Volt	NEMA	Color	
<input type="checkbox"/> AH8215HG	Ultra grip plug	0.30"-0.66" (7.6-16.7mm)	15	125	5-15	BK & W	•
<input type="checkbox"/> AH8215HGC	Safety grip plug	0.30"-0.66" (7.6-16.7mm)	15	125	5-15	C	•
<input type="checkbox"/> AH8215HGA	Safety grip angled plug	0.30"-0.66" (7.6-16.7mm)	15	125	5-15	BK & W	•
<input type="checkbox"/> AH8215HGAC	Safety grip angled plug	0.30"-0.66" (7.6-16.7mm)	15	125	5-15	C	•
<input type="checkbox"/> AH8219HG	Ultra grip connector	0.30"-0.66" (7.6-16.7mm)	15	125	5-15	BK & W	•
<input type="checkbox"/> AH8219HGC	Safety grip connector	0.30"-0.66" (7.6-16.7mm)	15	125	5-15	C	•
<input type="checkbox"/> AH8225HGA	Safety grip angled plug	0.30"-0.66" (7.6-16.7mm)	15	250	6-15	BK & W	
<input type="checkbox"/> AH8225HGAC	Safety grip angled plug	0.30"-0.66" (7.6-16.7mm)	15	250	6-15	C	
<input type="checkbox"/> AH8315HG	Ultra grip plug	0.30"-0.66" (7.6-16.7mm)	20	125	5-20	BK & W	•
<input type="checkbox"/> AH8315HGA	Safety grip angled plug	0.30"-0.66" (7.6-16.7mm)	20	125	5-20	BK & W	•
<input type="checkbox"/> AH8315HGAC	Safety grip angled plug	0.30"-0.66" (7.6-16.7mm)	20	125	5-20	C	•
<input type="checkbox"/> AH8319HG	Ultra grip connector	0.30"-0.66" (7.6-16.7mm)	20	125	5-20	BK & W	•
<input type="checkbox"/> AH8325HGA	Safety grip angled plug	0.30"-0.66" (7.6-16.7mm)	20	250	6-20	BK & W	
<input type="checkbox"/> AH8325HGAC	Safety grip angled plug	0.30"-0.66" (7.6-16.7mm)	20	250	6-20	C	

Compliant with: cULus & Fed Spec

## Color Ordering Information

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



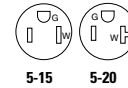
**Testing & Code Compliance:** Listed to UL498, file no. E3663, UL verified to Federal Spec. WC-596F, cUL Certified to CSA C22.2, no. 42. **Material Characteristics:** Nylon, Environmental: Flammability meets UL94 requirements; safety grip V2 rated, Temperature Rating: -40°C to 75°C (-40°F to 167°F).



# Hospital grade plugs and connectors

## Product Description

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



## Design features for quick grip hospital grade plugs & connectors

- 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

## Quick Grip Plugs & Connectors

Catalog No.	Description	Cord Diameter	Amp	Volt	NEMA	Color
□ AH8115W	Quick grip plug	0.22"-0.67" (5.6-16.9mm)	15	125	5-15	W
□ AH8119W	Quick grip connector	0.22"-0.67" (5.6-16.9mm)	15	125	5-15	W

Compliant with: cULus & Fed Spec

## Design features for auto grip hospital grade plugs & connectors

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

## Auto Grip Plugs & Connectors

Catalog No.	Description	Cord Diameter	Amp	Volt	NEMA	Color
□ 5266NHG	Auto grip plug	0.30"-0.66" (7.6-16.7mm)	15	125	5-15	BK & W
□ IG5266NHG	Auto grip IG plug	0.30"-0.66" (7.6-16.7mm)	15	125	5-15	RN
□ 5269NHG	Auto grip connector	0.30"-0.66" (7.6-16.7mm)	15	125	5-15	BK & W
□ 5366NHG	Auto grip plug	0.30"-0.66" (7.6-16.7mm)	20	125	5-20	BK & W
□ 5369NHG	Auto grip connector	0.30"-0.66" (7.6-16.7mm)	20	125	5-20	BK & W

Compliant with: cULus & Fed Spec

## Color Ordering Information

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



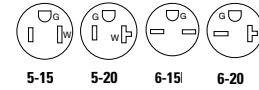
**Testing & Code Compliance:** Listed to UL498, file no. E3663, E146159 (Quick Grip series), UL verified to Federal Spec. WC-596F, CSA Certified to C22.2, no. 42. (quick grip series). **Material Characteristics:** Nylon, Environmental: Flammability meets UL94 requirements; quick grip V2 rated, auto grip V2 rated, Temperature Rating: quick grip -40°C to 75°C (-40°F to 167°F).



# Hospital grade plugs and connectors

## Product Description

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



8266








8269

## Design features for polycarbonate hospital grade plugs & connectors

- High impact-resistant polycarbonate housings
- Assembly screws are speed-threaded and captive, reducing installation time
- Solid brass plug blades are firmly embedded in body
- See-through terminal cover and body allows inspection of connections
- Terminals in individual chambers to positively insulate conductors
- Clearly marked rating, NEMA configuration and standard compliances (third-party listing) on face of device
- Terminal screws backed out - ready for wiring
- Combination Slot/Phillips head mounting and terminal screws ease installation with power screwdrivers (Slot/Robertson screws in Canada where available)

## Hospital Grade Polycarbonate Plugs & Connectors

Catalog No.	Description	Cord Diameter	Amp	Volt	NEMA	Color	
<input type="checkbox"/> 8266	Safety grip plug	0.25"-0.69" (6.4-17.5mm)	15	125	5-15	C	
<input type="checkbox"/> 8269	Safety grip connector	0.25"-0.69" (6.4-17.5mm)	15	125	5-15	C	
<input type="checkbox"/> 8666	Safety grip plug	0.25"-0.69" (6.4-17.5mm)	15	250	6-15	C	
<input type="checkbox"/> 8669	Safety grip connector	0.25"-0.69" (6.4-17.5mm)	15	250	6-15	C	
<input type="checkbox"/> 8366	Safety grip plug	0.25"-0.69" (6.4-17.5mm)	20	125	5-20	C	
<input type="checkbox"/> 8369	Safety grip connector	0.25"-0.69" (6.4-17.5mm)	20	125	5-20	C	
<input type="checkbox"/> 8466	Safety grip plug	0.25"-0.69" (6.4-17.5mm)	20	250	6-20	C	
<input type="checkbox"/> 8469	Safety grip connector	0.25"-0.69" (6.4-17.5mm)	20	250	6-20	C	

Compliant with: UL, CSA, Fed Spec & NOM

## Color Ordering Information

C (Clear)



(Clear)

**Testing & Code Compliance:** Listed to UL498, file no. E15012, UL verified to Federal Spec. WC-596G, CSA Certified to C22.2, no. 42, file no. 2081 (6221-02), NOM Certified. **Material Characteristics:** Polycarbonate & PVC, Environmental: Flammability meets UL94 requirements; V2 rated, Temperature Rating: -20°C to 60°C (-4°F to 140°F).





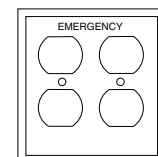
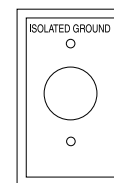
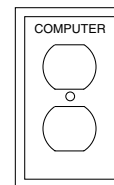
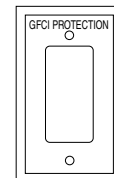
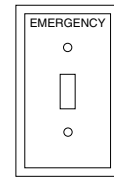
# Pre-marked special use wallplates

## Product Description

Standard size  
Mid-size

### Design features for specification grade thermoplastic wallplates

- 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



### Hospital Grade Pre-Marked Special Use Wallplates

Catalog No.	Description	Text On Wallplate	Color
<input type="checkbox"/> EM5134RD	1-gang toggle, standard size nylon	Emergency	RD
<input type="checkbox"/> PJ1EMRD	1-gang toggle, mid-size polycarbonate	Emergency	RD
<input type="checkbox"/> PJ26EMRD	1-gang decorator, mid-size polycarbonate	Emergency	RD
<input type="checkbox"/> PJ26IG	1-gang decorator, mid-size polycarbonate	Isolated Ground	RN
<input type="checkbox"/> PJ8COV	1-gang duplex receptacle, mid-size polycarbonate	Computer	V
<input type="checkbox"/> PJ8COW	1-gang duplex receptacle, mid-size polycarbonate	Computer	W
<input type="checkbox"/> EM5132RD	1-gang duplex receptacle, standard size nylon	Emergency	RD
<input type="checkbox"/> PJ8EMRD	1-gang duplex receptacle, mid-size polycarbonate	Emergency	RD
<input type="checkbox"/> PJ8GFV	1-gang duplex receptacle, mid-size polycarbonate	GFCI Protected	V
<input type="checkbox"/> PJ8GFW	1-gang duplex receptacle, mid-size polycarbonate	GFCI Protected	W
<input type="checkbox"/> IG5132RN	1-gang duplex receptacle, standard size nylon	Isolated Ground	RN
<input type="checkbox"/> PJ81G	1-gang duplex receptacle, mid-size polycarbonate	Isolated Ground	RN
<input type="checkbox"/> IG5131RN	1-gang duplex receptacle, standard size nylon	Isolated Ground	RN
<input type="checkbox"/> IG5131V	1-gang duplex receptacle, standard size nylon	Isolated Ground	V
<input type="checkbox"/> PJ71G	1-gang duplex receptacle, mid-size polycarbonate	Isolated Ground	RN
<input type="checkbox"/> PJ2EMRD	2-gang toggle, mid-size polycarbonate	Emergency	RD
<input type="checkbox"/> PJ82EMRD	2-gang duplex receptacle, mid-size polycarbonate	Emergency	RD

Compliant with: cULus & Fed Spec

### Design features for specification grade metal wallplates

- Constructed of non-corrosive, 302/304 stainless steel
- 302/304 stainless steel is non-magnetic and non-corrosive for rugged durability
- Shipped with removable protective film
- Recommended for industrial, institutional, and commercial applications

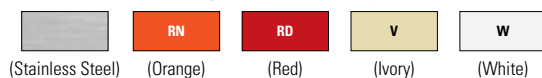
### Specification Grade Metal Wallplates

Catalog No.	Description	Text On Wallplate	Color
<input type="checkbox"/> EM93071	1-gang toggle, standard size	Emergency	Stainless steel
<input type="checkbox"/> EM93101	1-gang duplex receptacle, standard size	Emergency	Stainless steel
<input type="checkbox"/> EM93102	2-gang duplex receptacle, standard size	Emergency	Stainless steel

Compliant with: cULus & Fed Spec

### Color Ordering Information

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



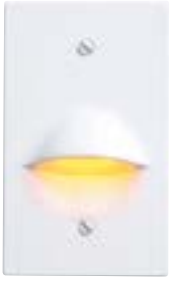
**Testing & Code Compliance:** UL and cUL Listed to UL514D, file no. E33216 (nylon & polycarbonate), Listed to UL514D, file no. E92003 (stainless steel), UL verified to Federal Spec. WVC-455 (nylon & polycarbonate), CSA Certified to C22.2, no. 42.1. **Material Characteristics:** Nylon, stainless steel (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).



# Commercial specification grade LED lights

## Product Description

120/277V, 60Hz



LNL3 series

## Design features for commercial specification grade LED accent lights

- Fits into a standard junction box for easy installation (single-gang, handy box, 2" minimum inside width)
- Delivers minimum 30 lumens of illumination
- Energy-efficient LED light source
- Illumination colors include white (4000K), amber, red, and blue
- Ship with 4 color lenses that are quickly and easily field-installable
- Lenses are 0.040" thick polycarbonate, and are clear, amber, red and blue colors
- Wet location listed (LNL3 series wet location listed above 4' mounting height)
- Die-cast aluminum face plates available in white, black, and brushed nickel



LNL4 series

## LED Accent Lights With Louvered Faceplate

Catalog No.	Description	Volt	Color Suffix
<input type="checkbox"/> LNL1__-UNV	LED accent light, vertical louvered plate	120-277	B, BN, W
<input type="checkbox"/> LNL3__-UNV	LED accent light, scoop plate	120	B, BN, W
<input type="checkbox"/> LNL4__-UNV	LED accent light, horizontal louvered plate	120-277	B, BN, W

Compliant with: ETL Listed

## Product Description

15A 120V, 1W

## Design features for Patrol combination wallbox nightlights

- 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
- 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



7738



7737

## Patrol Combination Wallbox LED Nightlights

Catalog No.	Description	Amp	Volt	Watts	Color Suffix
<input type="checkbox"/> 7738__	One single-pole switch with LED nightlight	15	120	1	A, BK, LA, V, W
<input type="checkbox"/> 7737__	Full LED nightlight	—	120	1	A, BK, LA, V, W

Compliant with: cULus, & NOM

## Color Ordering Information

For ordering devices, include Catalog No. followed by the Color Suffix: A (Almond), B or BK (Black), BN (Brushed Nickel), LA (Lt. Almond), V (Ivory), W (White)

A	B or BK	BN	LA	V	W
(Almond)	(Black)	(Brushed Nickel)	(Lt. Almond)	(Ivory)	(White)

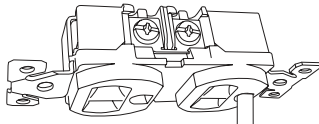
**Testing & Code Compliance:** ETL listed to UL1598. **Material Characteristics:** Faceplate: Die-cast aluminum. Back Body: ABS plastic. Strap: Aluminum. Wire: 18 AWG, 600V, 105°V, Temperature rating: 25°C (77°F).



# A sampling of hospital grade tests

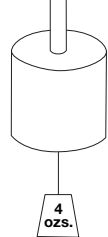
## Eaton's Arrow Hart hospital grade wiring devices meet or exceed all the UL498 hospital grade standards

### Hospital Grade Grounding Contact Overstress

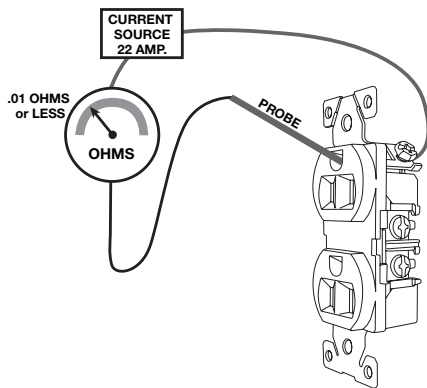


**Conditioning:**  
Oversized .204" diameter steel pin inserted 20 times into each ground contact

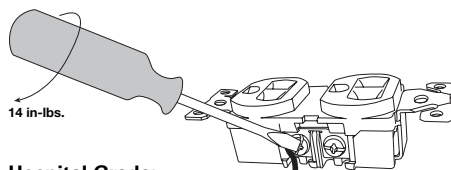
**Test:**  
Each ground contact must retain a .184" diameter polished steel pin against a 4 oz. force for 1 minute



### Hospital Grade Grounding Contact Resistance



### Hospital Grade Terminal Strength



**Hospital Grade:**  
Tightened 5 times then tested with 12 AWG wire

**General Use:**  
Tightened once then tested with 12 AWG wire



Plugs & Connectors	Receptacles	Testing
--------------------	-------------	---------

#### Crushing Test

For plugs and connectors, a gradually escalated and removed crushing force between two steel plates of 500 lbf is applied to the bodies of the wired devices. Devices must not break, deform or otherwise become incapable of function

•

#### Ground Contact Overstress Test

After conditioning of connectors, the ground contact must retain a weighted test pin while face down for a length of time and have no breakage that would affect the integrity of live parts enclosures

•

•

#### Ground Contact Temperature Test

Conditioned connectors are wired in a series and mated with powered hospital grade plugs for 1 hour, during which the temperature of the ground contact cannot rise more than 54° above ambient temperature

•

•

#### Impact Resistance Test

Plugs and connectors are wired then subjected to a dropped cylindrical weight, after which they cannot exhibit any breakage or other body damage, must still function properly

•

•

#### Mechanical Drop Test

Corded and wired plugs and connectors must maintain their physical integrity and pass a dielectric voltage-withstand test of 2x the device rating plus 1000V after being dropped via their cord to strike against a block for an average of 1,000 hits

•

#### Plug Connection and Separation Test

Connectors used for the grounding contact overstress test are conditioned repetitively by severe wiggling, counter-rotational twisting, and severe breaking action of a test plug before having to retain a weighted test pin while face down for a length of time

•

#### Strain Relief Test

Corded and wired plugs and connectors in fixed positions must sustain 30 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

•

#### 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 feet 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 wall-plate 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

•

\*Laboratory testing shows that, when cleaned regularly, CuVerro® antimicrobial copper surfaces kill greater than 99.9% of the following bacteria within 2 hours of exposure: MRSA, Staphylococcus aureus, Enterobacter aerogenes, Pseudomonas aeruginosa, Vancomycin-resistant Enterococcus faecalis (VRE), and E. coli O157:H7. CuVerro® antimicrobial copper surfaces are a supplement to and not a substitute for standard infection control practices and have been shown to reduce microbial contamination, but do not necessarily prevent cross contamination; users must continue to follow all current infection control practices, including those practices related to cleaning and disinfection of environmental surfaces. CuVerro® is a registered trademark of GBC Metals, LLC and is used with permission, CW-0013-1207.

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