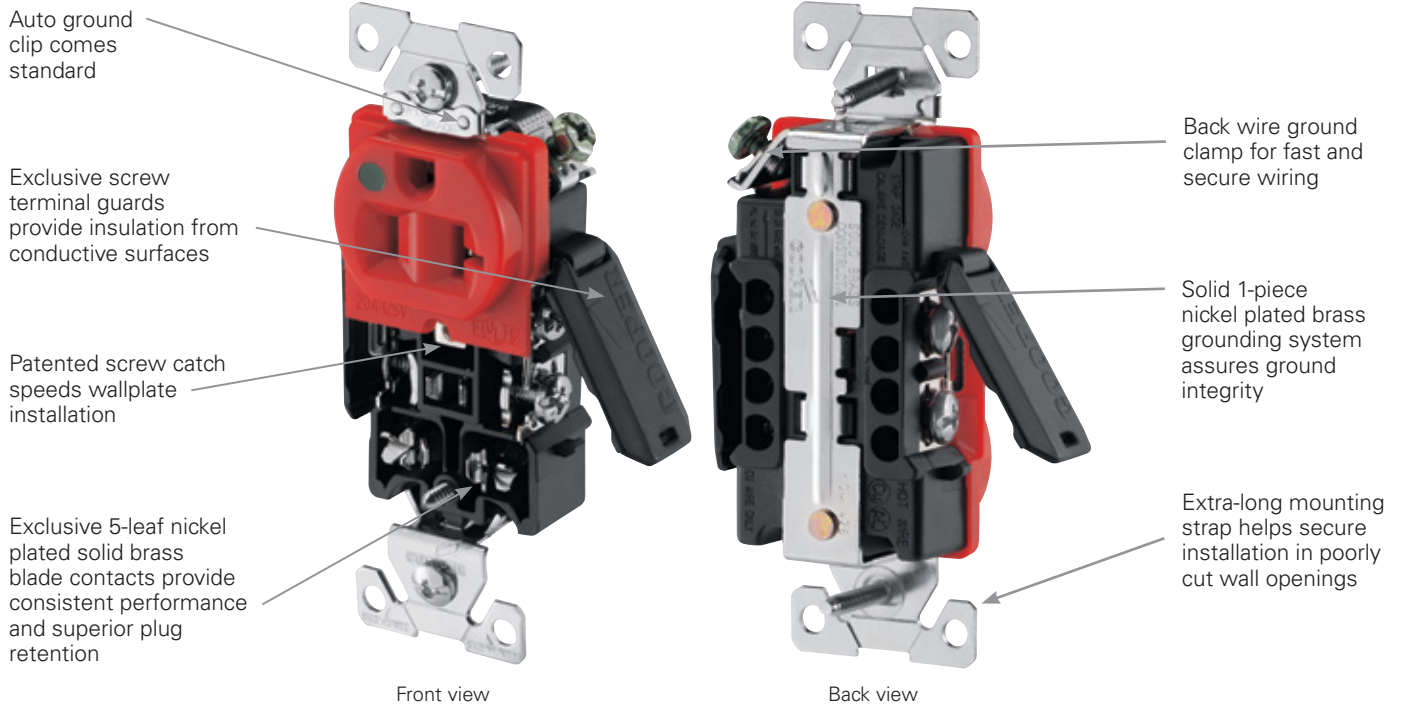


Hospital grade straight blade receptacles

Performance, longevity, reliability

In today's healthcare environment the power to save lives begins with the electrical system. Downtime is not an option and the right receptacle can make the difference in critical situations

Premium hospital grade AH8200, AH8300 series features & benefits



Additional features & benefits

- Available in 15A & 20A duplex & single configurations, including lighted, tamper resistant and ArrowLink modular styles
- Glass-filled nylon base provides superior strength and heat resistance
- Convenient built-in #10 and #12 AWG wire strippers
- High impact- and chemical-resistant nylon face holds structural integrity
- Tri-head combination brass terminal screws are backed out and ready to wire

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

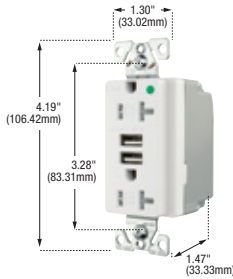
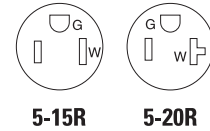
www.eaton.com
www.eaton.com/arrowhart

Hospital grade receptacles

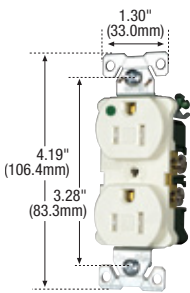
Hospital grade straight blade receptacles

Product description

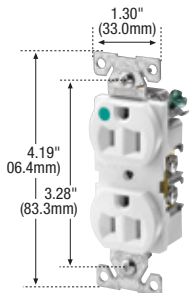
2-pole, 3-wire grounding
15A, 125V/AC; 20A, 125V/AC
NEMA 5-15R, 5-20R



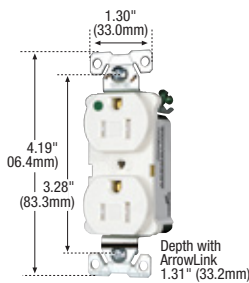
TR8355



TR8200



8200



TR8200_M

Hospital grade combination USB charger



Rating		Description		Color suffix	Catalog no.
A	V/AC	Amps	V/DC		
15	125	3.1	5	USB charger with hospital grade tamper resistant duplex receptacle	GY, LA, RD, V, W □ TR8255__
20	125	3.1	5	USB charger with hospital grade tamper resistant duplex receptacle	GY, LA, RD, V, W □ TR8355__

Tamper resistant hospital grade receptacles



Rating		Description		Color suffix	Catalog no.	
A	V/AC	NEMA				
15	125	5-15R	Duplex receptacle, back & side wire	GY, RD, V, W	□ TR8200__	▶
20	125	5-20R	Duplex receptacle, back & side wire	B, GY, RD, V, W	□ TR8300__	▶

Hospital grade receptacles



Rating		Description		Color suffix	Catalog no.	
A	V/AC	NEMA				
15	125	5-15R	Duplex receptacle, back & side wire	B, GY, RD, V, W	□ 8200__	▶
20	125	5-20R	Duplex receptacle, back & side wire	B, GY, LA, RD, V, W	□ 8300__	▶

Panel-mount special use hospital grade single receptacles



Rating		Description		Color suffix	Catalog no.	
A	V/AC	NEMA				
15	125	5-15R	Strap center to center spacing = 1.9375" (49.2mm), back & side wire	V	□ 8210MV	▶
20	125	5-20R	Strap center to center spacing = 1.9375" (49.2mm), back & side wire	RD, V	□ 8310M__	▶

Accessories for hospital grade NEMA 5-15 & 5-20 receptacles

Description	Color suffix	Catalog no.	
2-Gang, standard size duplex receptacle pre-marked wallplate "emergency"	Stainless Steel	□ EM93102	▶
1-Gang, standard-size duplex receptacle wallplate, CuVerro®	CU, CUR	□ 93101__	▶
1-Gang, mid-size duplex receptacle wallplate, "GFCI protected"	V, W	□ PJ8GF__	▶
2-Gang, standard size decorator wallplate, CuVerro®	CU, CUR	□ 93402__	▶
2-Gang, mid-size duplex receptacle pre-marked wallplate, "emergency"	RD	□ PJ82EMRD	▶



EM93102



93101CUR



PJ8GFV



93402CU



PJ82EMRD

Color ordering information:

For ordering devices, include Catalog no. followed by the Color suffix: B (Brown), GY (Gray), LA (Light Almond), RD (Red), V (Ivory), W (White), CU (White Bronze) CuVerro® ONLY, CUR (Rose) CuVerro® ONLY

B	GY	LA	RD	V	W	CU	CUR	
(Brown)	(Gray)	(Lt. Almond)	(Red)	(Ivory)	(White)	(White Bronze)	(Rose)	(Stainless Steel)

Specification information: Tamper resistant HG receptacles: A-28, Panel mount HG receptacles: A-28, HG receptacles: A-28, HG USB receptacles: A-34, ArrowLink HG receptacles: A-36, CuVerro® wallplates: K-22

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▶ ArrowLink option available. Add "M" suffix to standard catalog number (example AH8300W, AH8300WM). For ordering information on ArrowLink & ArrowLink SPD connectors, see Page A-5

▶ Build-to-spec customizable devices - Page A-6

▶ Indicates NAFTA compliant - Page Q-32



▶ Tamper resistant

▶ RoHS compliant - Page Q-32

Hospital grade receptacles


Product description

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

Device type	Hospital grade tamper resistant USB duplex receptacles: TR8255, TR8355 series 	Hospital grade tamper resistant duplex receptacles: TR8200, TR8300 series 	Hospital grade duplex receptacles: 8200, 8300 series	Hospital grade panel mount receptacles: 8210M, 8310M series
Wiring type	Wire leads	Back & side wire	Back & side wire	Back & side wire
Testing & code compliance	<ul style="list-style-type: none"> cULus Listed to UL498 and UL1310, file no. E15058 	<ul style="list-style-type: none"> Listed to UL498 file no. E1505 UL verified to Fed Spec WC-596G NOM certified 	<ul style="list-style-type: none"> Listed to UL498, file no. E15058 UL verified to Fed Spec WC-596G CSA certified to C22.2, no. 42, file no. 6914 (6233-01) NOM certified 	<ul style="list-style-type: none"> Listed to UL498 file no. E2369 UL verified to Fed Spec WC-596G CSA certified to C22.2, no. 42, file no. 6914 (6233-01) NOM certified
Environmental specifications	<p>Flammability: Meets UL94 requirements; V2 rated</p> <p>Temperature rating: -20°C to 60°C (-4°F to 140°F)</p>	<p>Flammability: Meets UL94 requirements; V2 rated</p> <p>Temperature rating: -20°C to 90°C (-4°F to 194°F)</p>	<p>Flammability: Meets UL94 requirements; V2 rated</p> <p>Temperature rating: -20°C to 90°C (-4°F to 194°F)</p>	<p>Flammability: Meets UL94 requirements; V2 rated</p> <p>Temperature rating: -40°C to 75°C (-40°F to 167°F)</p>
Electrical specifications	<p>Dielectric voltage - AC output: Receptacle withstands 2000V per UL498</p> <p>Current interrupting: Yes, at full-rated current</p> <p>Temperature rise - AC output: Receptacle - max. 30°C (86°F) after 100 cycles of overload @ 150% of rated current (DC)</p> <p>Switching frequency - DC output: Typical 140 kHz</p> <p>Output voltage - DC output: : Nominal 5V (+/- 10%)</p> <p>Protection - DC output: Current limiting and thermal shutdown protection</p> <p>Output current - DC output: Constant current maximum 2.1A</p>	<p>Dielectric voltage: Withstands 2000V per UL498</p> <p>Current interrupting: Yes, at full-rated current</p> <p>Temperature rise: Max. 30°C (86°F) after 250 cycles of overload @ 200% of rated current (DC)</p>	<p>Dielectric voltage: Withstands 2000V per UL498</p> <p>Current interrupting: Yes, at full-rated current</p> <p>Temperature rise: Max. 30°C (86°F) after 250 cycles of overload @ 200% of rated current (DC)</p>	<p>Dielectric voltage: Withstands 2000V per UL498</p> <p>Current interrupting: Yes, at full-rated current</p> <p>Temperature rise: Max. 30°C (86°F) after 250 cycles of overload @ 200% of rated current (DC)</p>
Mechanical specifications	<p>Terminal accommodation: Device can be wired using #14 or #12 AWG wires, three 6" pre-stripped wire leads for line, neutral and ground, #14AWG for TR8245 and #12AWG for TR8345</p> <p>Voltage ratings: N/A</p>	<p>Terminal accommodation: #14 - #10 AWG</p> <p>Voltage ratings: Permanently marked on device</p>	<p>Terminal accommodation: #14 - #10 AWG</p> <p>Voltage ratings: Permanently marked on device</p>	<p>Terminal accommodation: #14 - #10 AWG</p> <p>Voltage ratings: Permanently marked on device</p>
Materials	<p>Top housing: PC</p> <p>Bottom housing: PC</p> <p>Strap: 0.045" thick steel, zinc plated</p> <p>Auto ground clip: Phosphor bronze</p> <p>Line contacts: 0.030" thick brass</p> <p>Ground contact: 0.014" thick brass</p> <p>Terminal screws: N/A</p> <p>Ground screw: N/A</p> <p>Screw terminal guards: N/A</p> <p>Tamper resistant shutters: Reliable Delrin® shutter assembly</p>	<p>Top housing: Nylon</p> <p>Bottom housing: PVC</p> <p>Strap: 0.05" thick steel, zinc plated</p> <p>Auto ground clip: Phosphor bronze</p> <p>Line contacts: 0.037" thick triple-wipe brass</p> <p>Ground contact: Riveted</p> <p>Terminal screws: #8-32 steel, neutral screw nickel plated</p> <p>Ground screw: #8-32 steel, green</p> <p>Screw terminal guards: N/A</p> <p>Tamper resistant shutters: Reliable Delrin® shutter assembly</p>	<p>Top housing: Nylon</p> <p>Bottom housing: PVC</p> <p>Strap: 0.045" thick steel, zinc plated</p> <p>Auto ground clip: Phosphor bronze</p> <p>Line contacts: 0.030" thick triple-wipe brass</p> <p>Ground contact: Riveted</p> <p>Terminal screws: #8-32 steel, brass plated, neutral screw nickel plated</p> <p>Ground screw: 8-32 brass, green</p> <p>Screw terminal guards: N/A</p> <p>Tamper resistant shutters: N/A</p>	<p>Top housing: Nylon</p> <p>Bottom housing: Nylon</p> <p>Strap: 0.05" thick nickel plated steel</p> <p>Auto ground clip: N/A</p> <p>Line contacts: 0.030" thick triple-wipe brass</p> <p>Ground contact: Riveted</p> <p>Terminal screws: #8-32 brass, neutral screw nickel plated</p> <p>Ground screw: #8-32 brass, green</p> <p>Screw terminal guards: N/A</p> <p>Tamper resistant shutters: N/A</p>

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 All products on this page are RoHS compliant - Page Q-32