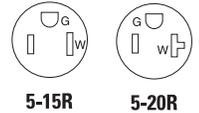


# Arrow Hart heavy-duty hospital grade straight blade duplex receptacles

Project Name:	Prepared By:
Project Number:	Date:
Catalog Number:	Type:

## Description

2-Pole, 3-Wire Grounding  
 15A 125V/AC;  
 20A 125V/AC  
 NEMA 5-15, 5-20



8200



TR8300

## Design features

- Tapered back wiring lead-in slots assist in gathering stranded wires for faster, more secure connections
- Black tamper resistant shutters on TR models create a seamless look, while ensuring code compliance and preventing the insertion of foreign object
- Long, broad mounting strap helps reach large panel cutouts for code compliance
- Automatic grounding system eliminates need for bonding jumper in grounded metal enclosure, provides redundant measure of ground continuity where jumper used
- All terminal and mounting screws triple combination (Slot/Phillips/Robertson) head for maximum installer flexibility
- Screw-Catch feature on duplex devices speeds mounting of wallplates

**Table 1. Heavy-duty hospital grade receptacles**

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

**Table 2. Tamper resistant heavy-duty hospital grade receptacles**

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

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



Powering Business Worldwide

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## Applications

Arrow Hart's feature-rich line of heavy-duty hospital grade receptacles have been designed to meet and exceed the demanding requirements of UL498 and Federal Specification WC-596G to provide a consistent means of connectivity where downtime can be crucial. Features include high-impact and chemical-resistant faces to withstand abuse and maintain structural integrity plus durable contact designs for long life blade retention. The entire line of heavy-duty hospital grade receptacles fulfill the requirements for long-term reliability, low maintenance and assured performance.

**Table 1. Specifications**

Catalog No.	8200, 8300 Series	TR8200, TR8300 Series 
<b>Device type</b>	Heavy-duty hospital grade duplex receptacles	Tamper resistant heavy-duty hospital grade duplex receptacles
<b>Wiring type</b>	Back & side wire	Back & side wire
<b>Testing &amp; code compliance</b>	<ul style="list-style-type: none"> <li>Listed to UL 498, file no. E15058</li> <li>UL verified to Federal Spec. WC-596G</li> <li>CSA certified to C22.2, no. 42, file no. 6914 (6233-01)</li> <li>NOM certified</li> <li>Complies with NEMA WD-1 &amp; NEMA WD-6</li> </ul>	<ul style="list-style-type: none"> <li>Listed to UL498 file no. E1505</li> <li>UL verified to Fed Spec WC-596G</li> <li>NOM certified</li> <li>Complies with NEMA WD-1 &amp; NEMA WD-6</li> </ul>
<b>Environmental specifications</b>	<b>Flammability:</b> Meets UL 94 requirements; V2 rated <b>Temperature rating:</b> -20°C to 90°C (-4°F to 194°F).	<b>Flammability:</b> Meets UL 94 requirements; V2 rated <b>Temperature rating:</b> -20°C to 90°C (-4°F to 194°F).
<b>Electrical specifications</b>	<b>Dielectric voltage:</b> Withstands 2000V per UL 498 <b>Current interrupting:</b> Yes, at full-rated current <b>Temperature rise:</b> Max. 30°C (86°F) after 250 cycles of overload @ 200% of rated current (DC)	<b>Dielectric voltage:</b> Withstands 2000V per UL 498 <b>Current interrupting:</b> Yes, at full-rated current <b>Temperature rise:</b> Max. 30°C (86°F) after 250 cycles of overload @ 200% of rated current (DC)
<b>Mechanical specifications</b>	<b>Terminal accommodation:</b> #14 - 10 AWG <b>Voltage ratings:</b> N/A	<b>Terminal accommodation:</b> #14 - 10 AWG <b>Voltage ratings:</b> N/A

**Table 2. Materials**

Catalog No.	8200, 8300 Series	TR8200, TR8300 Series 
<b>Face</b>	Nylon	Nylon
<b>Base</b>	PVC	PVC
<b>Strap</b>	0.045" thick steel, zinc plated	0.05" thick steel, zinc plated
<b>Auto ground</b>	Phosphor bronze staple	Phosphor bronze staple
<b>Line contacts</b>	0.030" thick 3-leaf brass	0.037" thick 3-leaf brass
<b>Ground contact</b>	Riveted	Riveted
<b>Terminal screws</b>	#8-32 steel, brass plated, hot neutral screw nickel plated	#8-32 steel, hot neutral screw nickel plated
<b>Ground screw</b>	#8-32 brass, green	#8-32 steel, green
<b>Tamper resistant shutters</b>	N/A	Reliable Delrin® shutter assembly

**Table 3. Color ordering information**

For ordering devices, include Cat. No. followed by the color code: B (Brown), GY (Gray), LA (Lt. Almond), RD (Red), V (Ivory), W (White)

					
Brown	Gray	Lt. Almond	Red	Ivory	White

project Name:	Prepared By:
Project Number:	Date:
Catalog Number:	Type:

**Product dimensions**

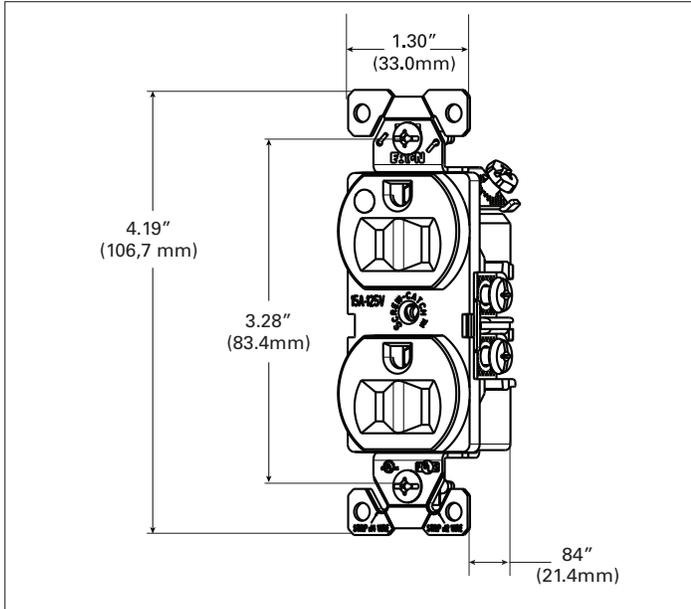


Figure 1. 8200 Line art with dimensions

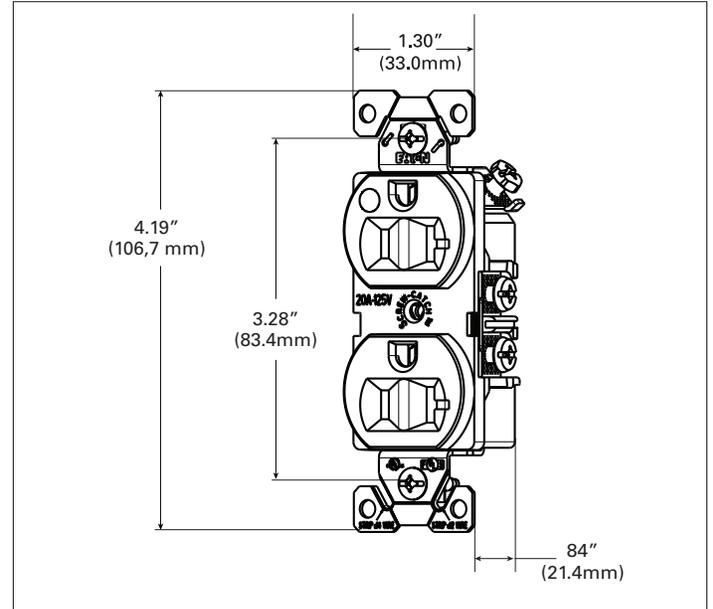


Figure 2. 8300 Line art with dimensions

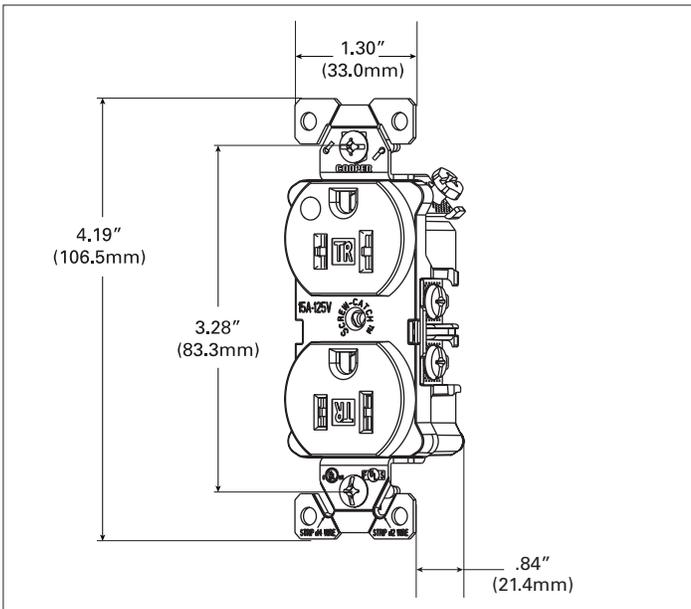


Figure 3. TR8200 Line art with dimensions

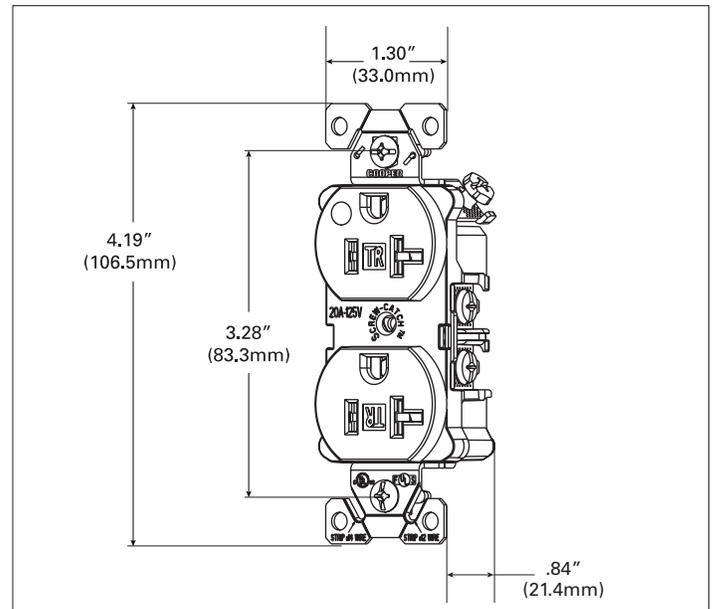


Figure 4. TR8300 Line art with dimensions

Project Name:	Prepared By:
Project Number:	Date:
Catalog Number:	Type:

## Certifications & compliances

Catalog No.							
8200	•	•	•	•	•	•	•
8300	•	•	•	•	•	•	•
TR8200	•	•	•	•	•	•	•
TR8300	•	•	•	•	•	•	•

**KEY:**  cULus  UL  Fed Spec  Indicates USMCA compliant  
 CSA  NOM  Arrowlink

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