Arrow Hart heavy-duty hospital grade straight blade duplex receptacles

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



8200



TR8300

Description

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



5-15R



5-20R

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 A	Rating V/AC	NEMA	Description	Color suffix	Catalog no.		
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 A	Rating V/AC	NEMA	Description	Color suffix	Catalog no.		
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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Catalog Number:	Type:

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
Device type	Heavy-duty hospital grade duplex receptacles	Tamper resistant heavy-duty hospital grade duplex receptacles
Wiring type	Back & side wire	Back & side wire
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 • Complies with NEMA WD-1 & NEMA WD-6	• Listed to UL498 file no. E1505 • UL verified to Fed Spec WC-596G • NOM certified • Complies with NEMA WD-1 & NEMA WD-6
Environmental specifications	**Flammability:** Meets UL 94 requirements; V2 rated **Temperature rating:** -20ºC to 90ºC (-4°F to 194°F).	**Flammability:** Meets UL 94 requirements; V2 rated **Temperature rating:** -20ºC to 90ºC (-4°F to 194°F).
Electrical specifications	**Dielectric voltage:** Withstands 2000V per UL 498 **Current interrupting:** Yes, at full-rated current **Temperature rise:** Max. 30°C (86°F) after 250 cycles of overload @ 200% of rated current (DC)	**Dielectric voltage:** Withstands 2000V per UL 498 **Current interrupting:** Yes, at full-rated current **Temperature rise:** Max. 30°C (86°F) after 250 cycles of overload @ 200% of rated current (DC)
Mechanical specifications	**Terminal accommodation:** #14 - 10 AWG **Voltage ratings**: N/A	**Terminal accommodation:** #14 - 10 AWG **Voltage ratings**: N/A

Table 2. Materials

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

B	GY	LA	RD	V	W
Brown	Gray	Lt. Almond	Red	Ivory	White

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

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

Product dimensions

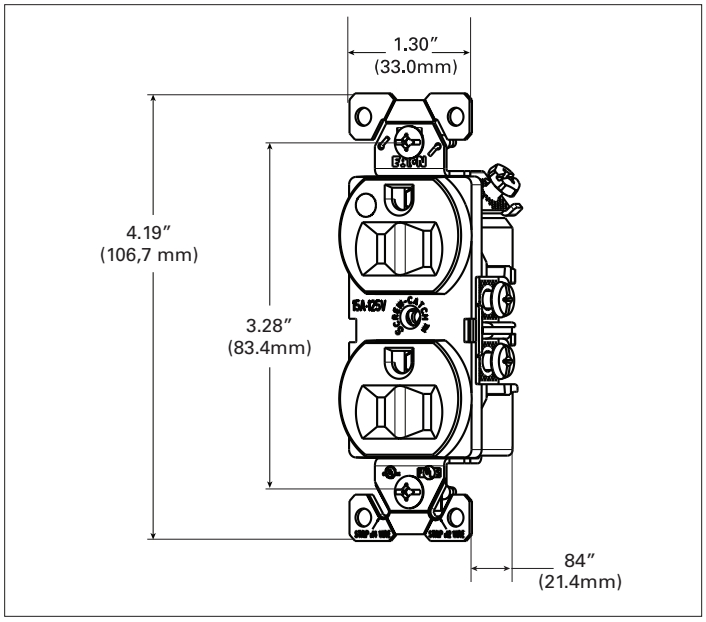


Figure 1. 8200 Line art with dimensions

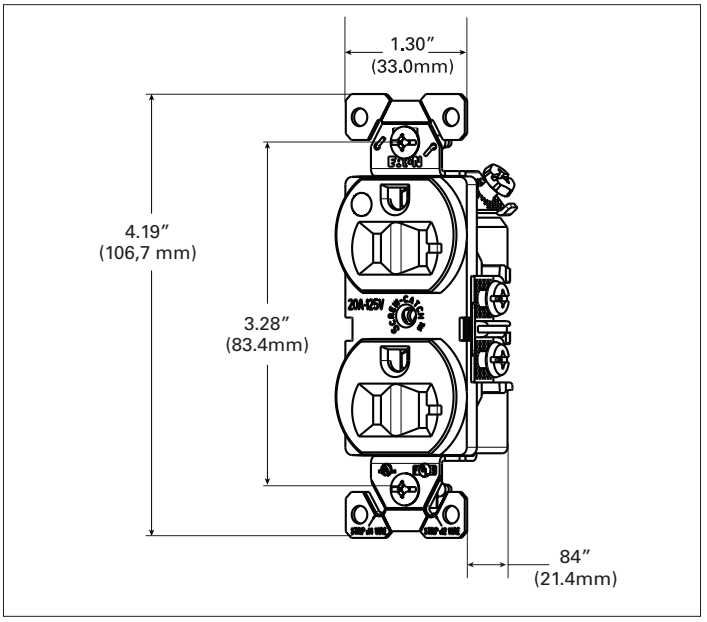


Figure 2. 8300 Line art with dimensions

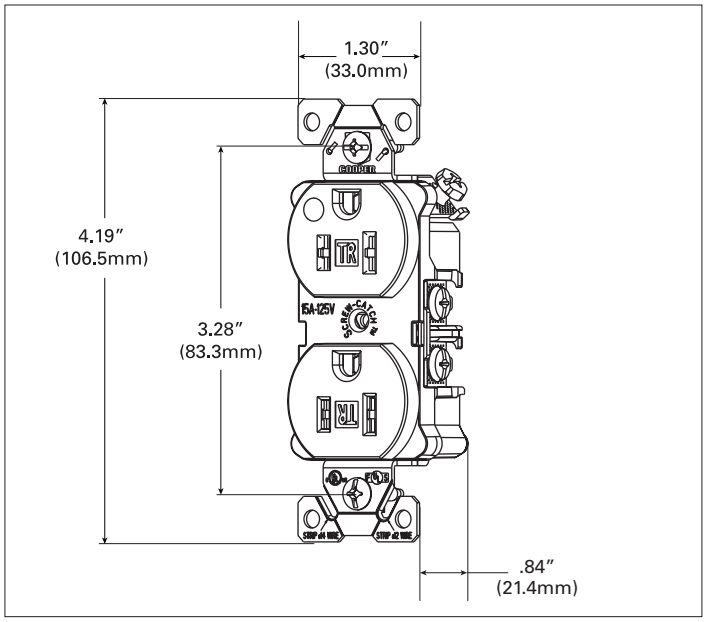


Figure 3. TR8200 Line art with dimensions

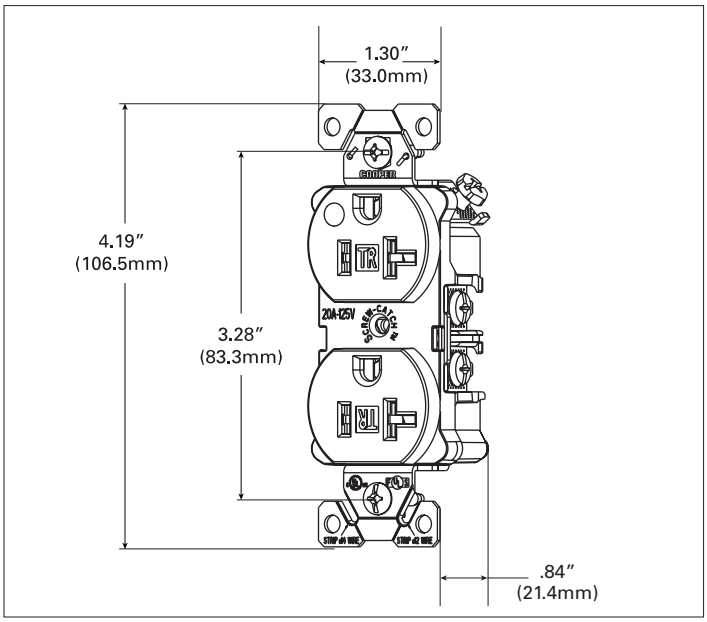


Figure 4. TR8300 Line art with dimensions

Arrow Hart heavy-duty hospital grade straight blade duplex receptacles

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

Certifications & compliances

Catalog No.	cULus	UL	Fed Spec	USMCA	CSA	NOM 426	Arrowlink
8200	•		•	•		•	•
8300	•		•	•		•	•
TR8200	•		•		•	•	•
TR8300	•		•		•	•	•

KEY: cULus cULus | UL UL | Fed Spec Fed Spec | Indicates USMCA compliant | CSA CSA | NOM 426 NOM | Arrowlink Arrowlink

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Arrow Hart heavy-duty hospital grade straight blade duplex receptacles

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

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Powering Business Worldwide

Arrow Hart heavy-duty hospital grade straight blade duplex receptacles

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

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Catalog No.	8200, 8300 Series	TR8200, TR8300 Series
Device type	Heavy-duty hospital grade duplex receptacles	Tamper resistant heavy-duty hospital grade duplex receptacles
Wiring type	Back & side wire	Back & side wire
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Mechanical specifications	**Terminal accommodation:** #14 - 10 AWG **Voltage ratings**: N/A	**Terminal accommodation:** #14 - 10 AWG **Voltage ratings**: N/A

Table 2. Materials

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Line contacts	0.030" thick 3-leaf brass	0.037" thick 3-leaf brass
Ground contact	Riveted	Riveted
Terminal screws	#8-32 steel, brass plated, hot neutral screw nickel plated	#8-32 steel, hot neutral screw nickel plated
Ground screw	#8-32 brass, green	#8-32 steel, green
Tamper resistant shutters	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)

B	GY	LA	RD	V	W
Brown	Gray	Lt. Almond	Red	Ivory	White

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

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

Product dimensions

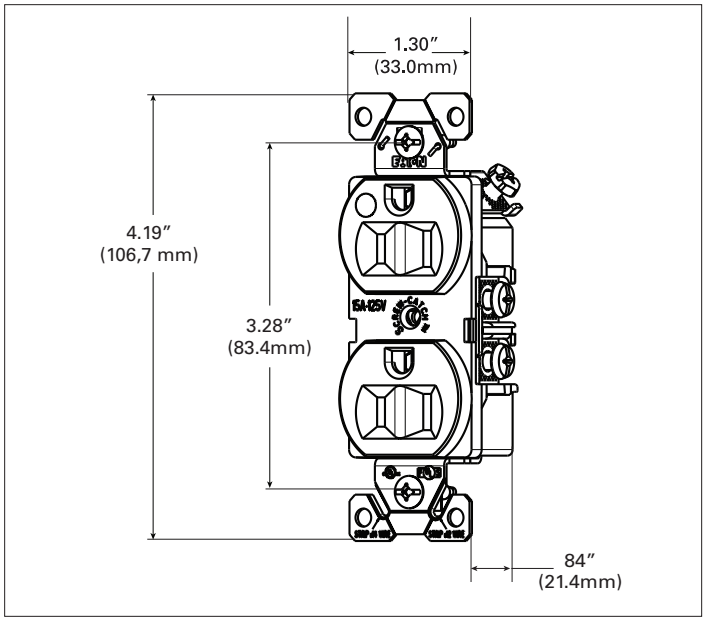


Figure 1. 8200 Line art with dimensions

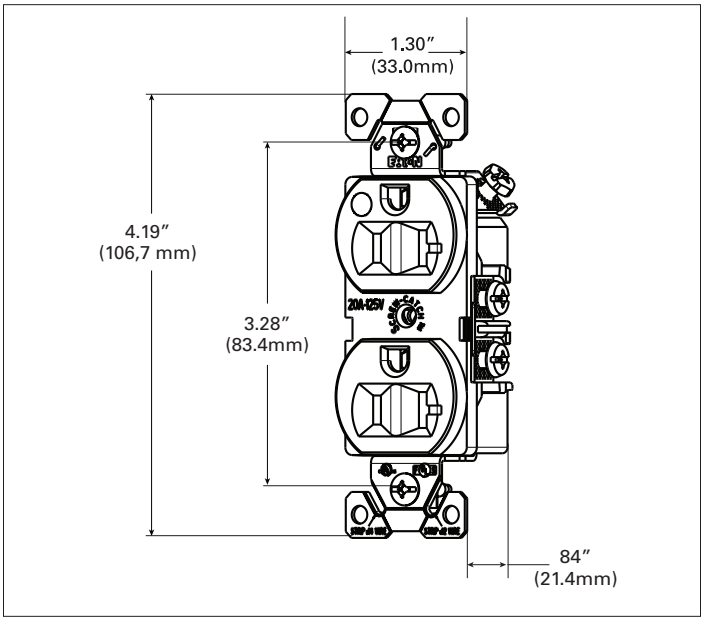


Figure 2. 8300 Line art with dimensions

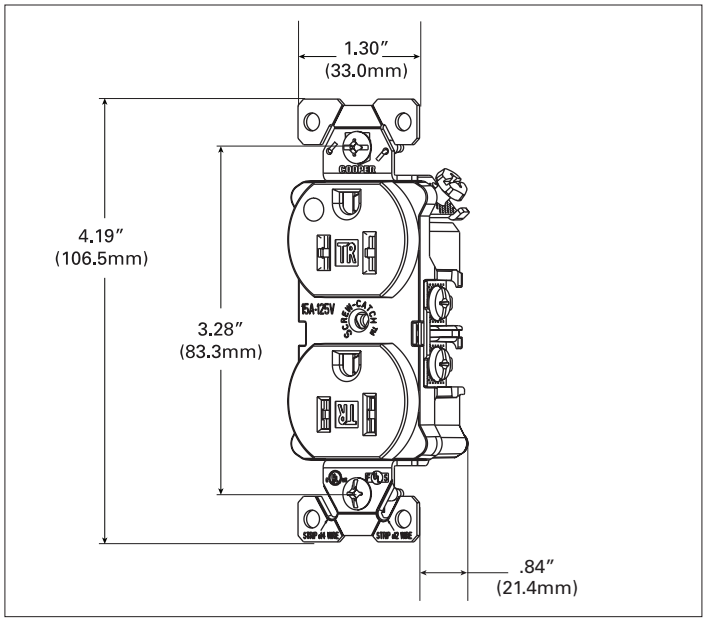


Figure 3. TR8200 Line art with dimensions

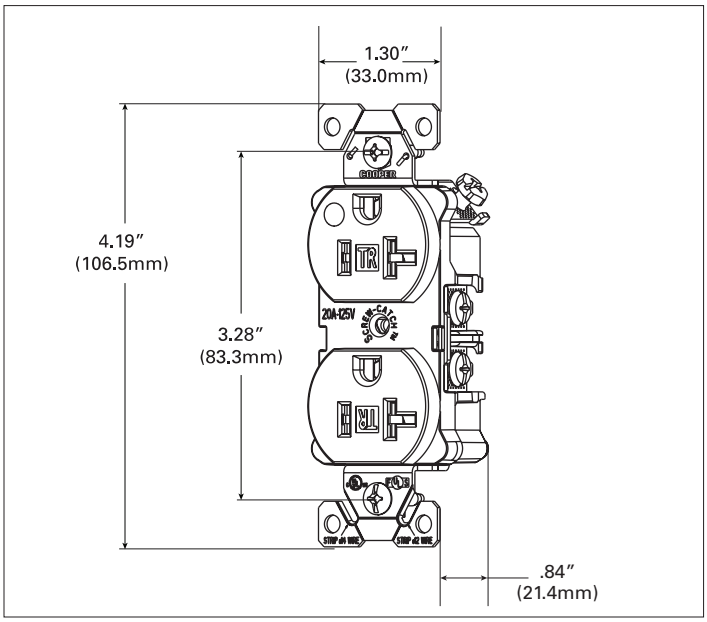


Figure 4. TR8300 Line art with dimensions

Arrow Hart heavy-duty hospital grade straight blade duplex receptacles

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

Certifications & compliances

Catalog No.	cULus	UL	Fed Spec	USMCA	CSA	NOM 426	Arrowlink
8200	•		•	•		•	•
8300	•		•	•		•	•
TR8200	•		•		•	•	•
TR8300	•		•		•	•	•

KEY: cULus cULus | UL UL | Fed Spec Fed Spec | Indicates USMCA compliant | CSA CSA | NOM 426 NOM | Arrowlink Arrowlink

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