

MRI hospital grade duplex receptacle

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

Description

Extra heavy-duty hospital grade
2-Pole, 3-Wire, self-grounding
20A, 125V/AC, back or side wire
NEMA 5-20R



5-20R



MRI8300

Design features

- 2-pole, 3-wire, self-grounding duplex receptacle
- All non-ferrous material construction, including brass screws, contacts, and strap
- Extra heavy-duty hospital grade outlet
- Back or side wire
- 10-year limited warranty
- Automatic grounding system eliminates need for bonding jumper in grounded metal enclosure, provides redundant measure of ground continuity where jumper is used
- Smooth face and nylon top and back-body are virtually unbreakable to deliver years of reliable performance
- Wraparound brass mounting strap for added durability

Table 1. MRI hospital grade duplex receptacle

Catalog no.	Description	A	Rating V/AC	Color suffix
□ MRI8300__	MRI hospital grade duplex receptacle	20	125	GY, RD, V, W

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



Powering Business Worldwide

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Applications

Eaton's extra 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. Engineered with all non-ferrous materials, the MRI receptacle is designed for use in environments with sensitive, high magnetic fields, such as MRI laboratories.

Table 2. Specifications

Catalog no.	MRI8300
Device type	MRI hospital grade duplex receptacle
Wiring type	Back or side wire
Testing & code compliance	<ul style="list-style-type: none"> • UL Listed to UL 498HG and UL Fed Spec WC-596, file no. E13399 • CSA Listed to CSA22.2 No. 42, file no. 152105 • NOM/ANSI Certified Warranty: 10-year limited
Environmental specifications	Flammability: Meets UL94 requirements; V2 rated Temperature rating: -40°C to 60°C (-4°F to 140°F)
Electrical specifications:	Horsepower rating: 1 Hp Amperage: 20 Amps Grounding: Self-grounding Dielectric voltage: Receptacle withstands 2000V per UL498 Temperature rise: Receptacle - max. 30°C (86°F) after 250 cycles of overload @ 200% of rated current (DC)
Mechanical specifications	Terminations: Back or side wire Product ID: Ratings are permanently marked on device Terminal ID: Brass - hot, green - ground, white - neutral Terminal accommodation: #14 - 10 AWG

Table 3. Materials

Catalog no.	MRI8300
Body material	Nylon
Body top & bottom	Nylon
Clamp	Brass
Auto ground clip	Brass
Line contacts	.031" thick 3-leaf brass
Ground contact	0.014" thick brass
Terminal screws	Terminal screws: Brass 10-32 Grounding screws: Brass 8-32
Strap	Brass

Table 4. Color ordering information

For ordering devices, include Cat. no. followed by the color suffix: GY (Gray), RD (Red), V (Ivory), W (White)

GY	RD	V	W
Gray	Red	Ivory	White

Project Name:	Prepared By:
Project Number:	Date:
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Product Dimensions

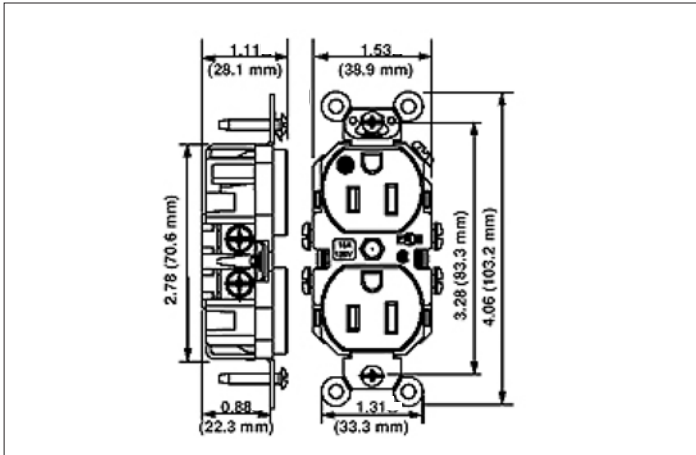


Figure 1. MRI8300

Certifications & Compliances

Catalog no.	UL	ETL	NOM	ANCE
MRI8300	•	•	•	•

KEY: UL ETL Fed Spec NOM ANCE

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Electrical Sector
203 Cooper Circle
Peachtree City, GA 30269
United States
Eaton.com
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Canada
EatonCanada.ca
Eaton.com/wiringdevices

Electrical Sector
Mexico Operations
Carr. Tlalnepantla -
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Col. Villa Jardin esq.
Cerrada 8 de Mayo
Cuautitlan, Mexico CP 54800
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Effective September 2020

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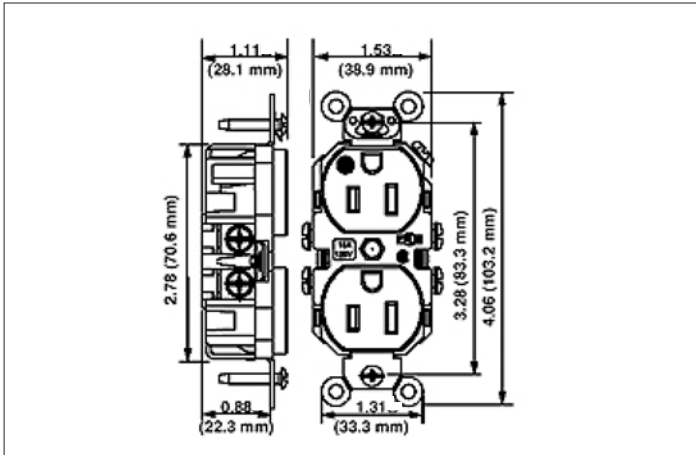


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