

# 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

Effective September 2020

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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**

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

**Table 3. Materials**

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

<b>GY</b>	<b>RD</b>	<b>V</b>	<b>W</b>
Gray	Red	Ivory	White

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**Product Dimensions**

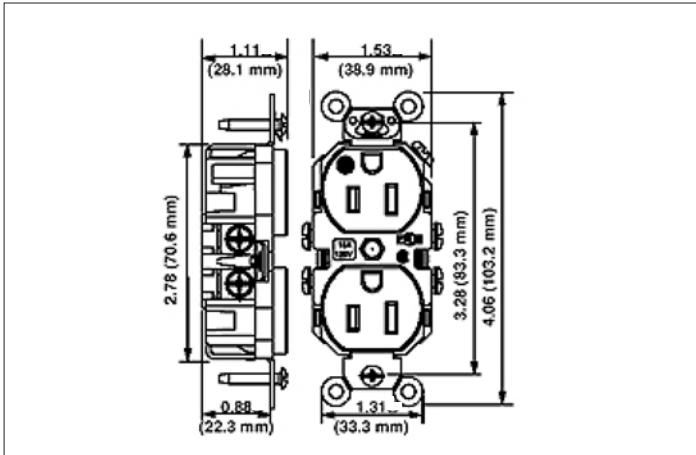


Figure 1. MRI8300

**Certifications & Compliances**

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

**KEY:** UL ETL Fed Spec NOM ANCE

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

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

Electrical Sector  
Canada Operations  
5925 McLaughlin Road  
Mississauga, Ontario, L5R 1B8  
Canada  
EatonCanada.ca  
Eaton.com/wiringdevices

Electrical Sector  
Mexico Operations  
Carr. Tlalnepantla -  
Cuautitlan Km 17.8 s/n  
Col. Villa Jardin esq.  
Cerrada 8 de Mayo  
Cuautitlan, Mexico CP 54800  
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Eaton.mx  
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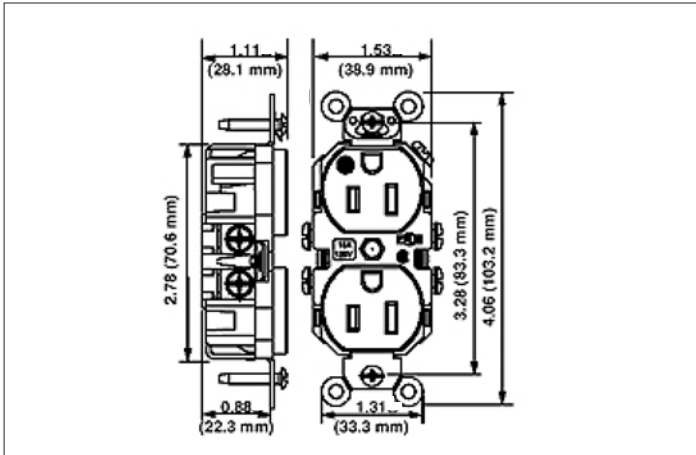


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5925 McLaughlin Road  
Mississauga, Ontario, L5R 1B8  
Canada  
EatonCanada.ca  
Eaton.com/wiringdevices

Electrical Sector  
Mexico Operations  
Carr. Tlalnepantla -  
Cuautitlan Km 17.8 s/n  
Col. Villa Jardin esq.  
Cerrada 8 de Mayo  
Cuautitlan, Mexico CP 54800  
Mexico  
Eaton.mx  
Eaton.com/wiringdevices