MRI82 and MRI83 Hospital Grade Receptacles for MRI Applications

Non-Ferrous Design Ideal for Use in High-Magnetic Field Applications

The new MRI82 (15 Amp) and MRI83 (20 Amp) duplex receptacles are designed with non-ferrous materials, which allow use in high-magnetic-field environments such as magnetic resonance imaging (MRI) laboratories, or any application where sensitive high-magnetic fields are present.



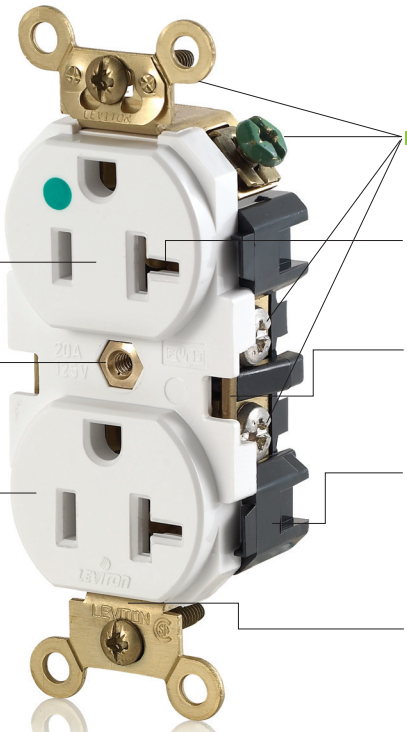
Features include:

- All non-ferrous material construction, including brass screws, contacts and strap
- Large triple-wipe brass “T” contacts assure superior contact and conductivity
- Locked-in wrap-around brass strap
- Brass center bushing for added strength
- Bodies and covers made from thick-walled impact-resistant thermoplastic
- Self-grounding brass clip

Tested to Perform Under Rigorous Conditions

Like all Leviton Industrial Grade receptacles, the new Hospital Grade MRI models are designed to resist impact, cracking and harsh chemicals, and have undergone rigorous evaluation including abrupt removal test, ground pin retention test, assembly security and impact test. They are NEMA, CSA, UL498 HG, and Fed Spec WC-596 rated to satisfy performance requirements for high-abuse areas.

MRI82 AND MRI83 FEATURES

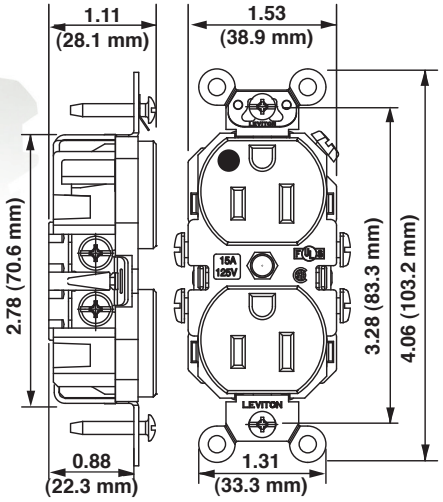


- Thick-walled impact-resistant thermoplastic nylon body and cover withstands abuse
- Brass bushing for added strength
- Smooth face, easy to clean and soil resistant
- Non-ferrous material construction, including brass screws, contacts and strap
- Large triple-wipe brass "T" contacts assure superior contact and conductivity
- Back and side 8 hole feed-thru wire grounding terminal for quick ground wiring
- Face and body locked together with exclusive four-corner latch construction, remains securely fastened
- Lock-in wrap-around strap

MRI82 AND MRI83 SPECIFICATIONS

AC Horsepower Ratings	
15A = 1/2 HP, 20A = 1 HP	
Environmental Specifications	
Flammability	Rated V-2 per UL94
Operating Temperature	-40 ˚C to 60˚C
Mechanical Specifications	
Terminal ID	Brass-Hot, Green-Ground, Silver-Neutral
Terminal Accom.	14-10 AWG
Product ID	Ratings are permanently marketed on device
Electrical Specifications	
Dielectric Voltage	Withstands 2000V per UL498
Current Limiting	Full Rated Current
Temperature Rise	Max 30˚C after 250 cycles OL at 200 % of rated current

Material Specifications	
Face Material	Nylon
Body Material	Nylon
Line Contacts	Brass Triple Wipe .031 thick
Terminal Screws	Brass 10-32
Grounding Screw	Brass 8-32
Yoke	Brass
Clamp Nuts	Brass
Ground Clips	Brass
Standards and Certifications	
NEMA	WD-6
ANSI	C-73
UL498HG	File #E13399
UL Fed Spec WC-596	File #E13399
CSA C22.2 No.42	File # 152105
Warranty	10 Year Limited Warranty



Ordering Information			
Cat. No.	Color	Cat. No.	Color
MRI82-I	Ivory	MRI83-I	Ivory
MRI82-W	White	MRI83-W	White
MRI82-R	Red	MRI83-R	Red
MRI82-GY	Gray	MRI83-GY	Gray
MRI82-T	Light Almond	MRI83-T	Light Almond

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