

DIN Rail Receptacles

Overview

Quad-receptacle DIN rail or panel mounted AC outlets are used for powering laptop computers and test equipment.

GR-REC4 is a standard 125VAC, 15A quad-receptacle, and GR-REC4-GFCI is a 125VAC, 15A ground-fault circuit interrupter protected quad-receptacle.



GR-REC4-GFCI

Quad Straight Blade Receptacles

Part Number	Price	Current Rating ¹	Voltage Rating	Circuit Protection	Number of Phases	Number of Poles	Number of Wires	Outlet Type	Drawing Link
<u>GR-REC4</u>	\$48.00	15A	125VAC	N/A	1	2	3	2X Standard Duplex Receptacle, Black, NEMA 5-15R	<u>PDF</u>
<u>GR-REC4-GFCI</u>	\$67.00	15A	125VAC	Ground-fault circuit interruption	1	2	3	1X Standard Duplex Receptacle ² , 1X GFCI Duplex Receptacle, Black, NEMA 5-15R	<u>PDF</u>

Note: ¹ Combined current capacity of all four outlets.

Note: ² All receptacles are protected by a single GFCI circuit.

Quad Straight Blade Receptacles Specifications

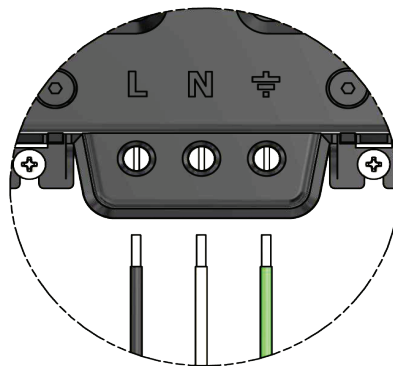
Wire Size Capacity	14-12 AWG [2.5 - 4.0 mm ²]
Wire Strip Length	0.20 - 0.31 in [5 - 8mm]
Wire Type	Copper or Copper Clad
Tightening Torque	4.5 lb-in [0.51 N•m]
Operating Temperature ¹	32 to 140°F [0 to 60°C]
Maximum Ambient Temperature ²	32 to 104°F [0 to 40°C]
Housing Material	Polyamide 66, glass filled (FR370)
Mounting	Panel mount or 35mm DIN rail
Agency Approvals	cURus File E531313, RoHS

¹ Maximum ambient temperature plus temperature rise of outlet wiring under load.

² Maximum ambient temperature rating per UL 508.

Wiring Instructions

- Check the correct wiring termination below and make sure they match your electrical wiring.
- Make sure the terminal screws are properly tightened before powering the outlet on.



"L" Symbol for LINE/BLACK connection

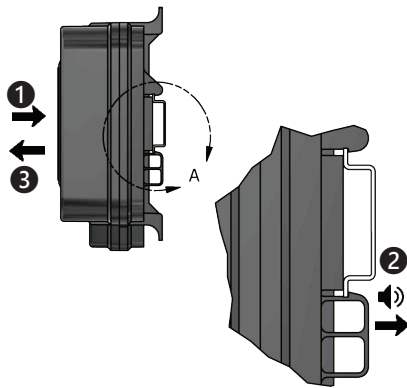
"N" Symbol for NEUTRAL/WHITE connection

"⊥" Symbol for GROUND/GREEN connection

DIN Rail Receptacles

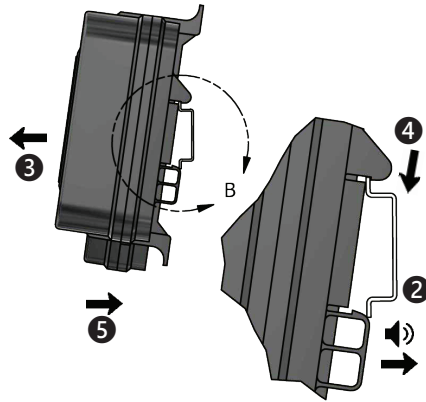
Installation

- Hold the device against the DIN rail, parallel to the mounting surface. - ①
- Apply even pressure against the DIN rail until the device is secured to the rail. - ②
- You should hear a definite "click" to indicate that the device has locked onto the DIN rail. - ②
- Apply pressure by pulling the device away from the mounting surface to ensure that the device is secure. - ③



Alternate Installation

- Tilt the device slightly to hang the upper clamp onto the DIN rail. - ④
- Apply pressure to the bottom end of the device to snap the bottom clamp onto the rail. - ⑤
- You should hear a definite "click" to indicate that the device has locked onto the DIN rail. - ②
- Apply pressure by pulling the device away from the mounting surface to ensure that the device is secure. - ③



Removal

- Turn off power to the device and unplug any equipment left connected to the device.
- Disconnect all power wiring.
- To remove the device from the DIN rail, apply upward pressure to the bottom of the device until the top clamp releases from the rail. - ⑥
- Pull the top away from the mounting surface.
- The device can then be lowered from the rail and pulled away. - ⑦

