



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

Note: <sup>1</sup> Combined current capacity of all four outlets.

Note: <sup>2</sup> All receptacles are protected by a single GFCI circuit.

### Quad Straight Blade Receptacles Specifications

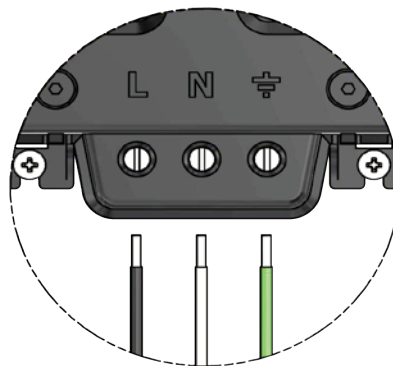
|                                          |                                        |
|------------------------------------------|----------------------------------------|
| Wire Size Capacity                       | 14-12 AWG [2.5 - 4.0 mm <sup>2</sup> ] |
| Wire Strip Length                        | 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 <sup>1</sup>       | 32 to 140°F [0 to 60°C]                |
| Maximum Ambient Temperature <sup>2</sup> | 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               |

<sup>1</sup> Maximum ambient temperature plus temperature rise of outlet wiring under load.

<sup>2</sup> 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

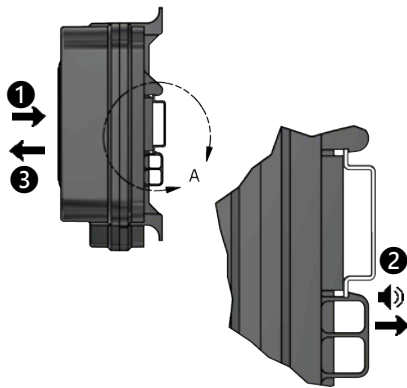
"N" Symbol for NEUTRAL/WHITE connection

"⏏" Symbol for GROUND/GREEN connection

# DIN Rail Receptacles

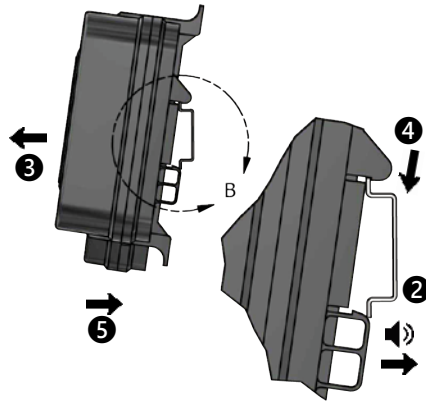
## Installation

- 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. - ①
- 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

