

General Information



In order to complete assembly of the 351102 Terminal Cabinet, you must install and ground the supplied (but uninstalled) Power Receptacle Strip:



Figure 1: 351102 Power Receptacle Strip

Identification Label

Proper installation requires a 1/4" nut driver, wire stripper, wire nuts, and involves:

- Understanding all alerts and precautions
- Preparing for the installation
- Establishing the ground connection
- Making the power connection
- Securing and testing the strip

Alerts & Precautions



- You must observe NEC, NFPA, and local codes regarding cabling and conduit choices.
- You must connect the Power Receptacle Strip to a dedicated circuit.
- You must turn power off at the breaker before installing the Power Receptacle Strip.

Preparing for Installation



- 1 Mount the Cabinet as detailed in KI-2209 (*Responder[®] 5 Head-End, Console, and Staff Terminal Installation Guide*).
- 2 Locate all Receptacle Installation Kit-related parts:
 - Receptacle Plate (VC8535) with two (2) 6-32x1/2 Oval Panhead Zinc Plated screws;
 - Two (2) black hospital-grade back and side-wired 15Amp duplex three-pronged receptacles (Cooper 8200B or Leviton 8200);
 - Two (2) #6-32 x 3/8", self-tapping, thread-cutting sheet metal screws (WA203);
 - Ground wire cable (VW2440);
 - Panelboard/Switchboard/Circuit Identification label (N3048).
- 3 Affix the Identification Label (Figure 1) above the outlets.
- 4 Use a permanent marker to enter the required label information—Power Source, Panelboard/Switchboard, and Circuit numbers.
- 5 Mount the receptacles in the Receptacle Strip.

Establishing Ground Connection



- 1 Feed the green ground wire through the pre-cut slot in the wiring compartment.
- 2 Affix the green ground wire to the Wiring Compartment wall using one of the #6-32 x 3/8", self-tapping, thread-cutting sheet metal screws:

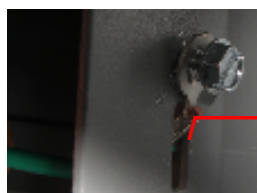


Figure 2: Ground Connection (in progress)

Pre-cut Slot

- Make sure the screw is fully tightened, and that the lug is flush with the compartment:



Figure 3: Ground Connection (completed)

- 3 Connect the green ground wire to the ground terminals on each of the receptacles.

Making Power Connection



- 1 Attach conduit using either the top or side knockout.
- 2 Run approved power cabling from a dedicated circuit into the Wiring Compartment through the desired knockout:



Figure 4: Available Knockouts

- 3 Terminate the power cabling at the receptacles.
- 4 Test continuity between outlet ground and conduit.

Securing the Strip



Once you've established both power and ground connections...

- 1 Line the connect tabs into the guide grooves:

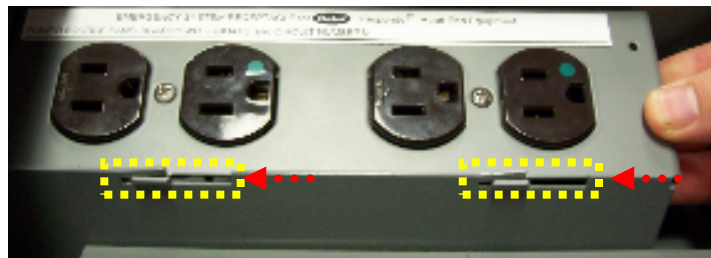


Figure 5: Connect Tabs and Guide Grooves

- 2 Fit both tabs into their respective grooves.
- 3 Push the Receptacle down and to the left—locking it into place.
- 4 Use a #6-32 x 3/8", self-tapping, thread-cutting sheet metal screw to secure the strip to the Wiring Compartment:



Figure 6: Completed Installation (Side View)

- 5 Turn power on at the breaker.
- 6 Test each outlet.