

MODEL 351ONQ MOUNTING PLATE

Installation Guide

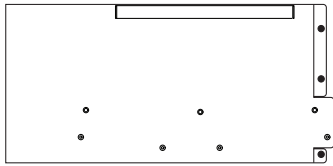


Figure 1: 351ONQ Mounting Plate

DESCRIPTION

The 351ONQ Mounting Plate is used when installing an XR150/XR550 Series panel, XT30/XT50 Series panel, 714-8 or 714-16 zone expander into an existing ONQ structured wiring enclosure.

Compatibility

- XR150/XR550 Series Panels
- XT30/XT50 Series Panels
- 714-8 and 714-16 zone expanders

What is Included?

- One Model 351ONQ Mounting Plate
- Three Plastic Fasteners (Base and Plunger)
- Two #6 Phillips head screws



1 INSTALL THE MOUNTING PLATE

1. Insert the three plastic fastener bases into the mounting plate holes.
2. Align the left hand tabs on the mounting plate with the slots in the enclosure.
3. Insert the tabs into the slots by angling the mounting plate away from the back of the enclosure. See Figure 2.

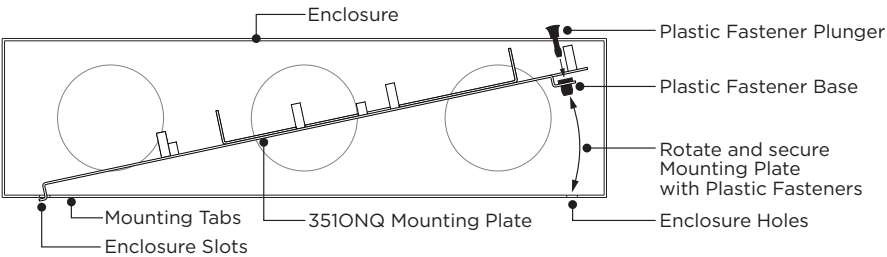


Figure 2: Insert the 351ONQ Mounting Plate

4. Rotate the mounting plate into place on the enclosure, align the plastic fastener bases with the enclosure holes and press the plastic fastener base into the holes. See Figure 3.
5. Insert the plastic fastener plunger into the base and fully seat the plunger to secure the mounting plate in position. See Figure 3.



Note: For ease of installation, the base on the plastic fasteners should be inserted into the holes on the mounting plate before installation in the enclosure or the plunger is installed. See Step 1.

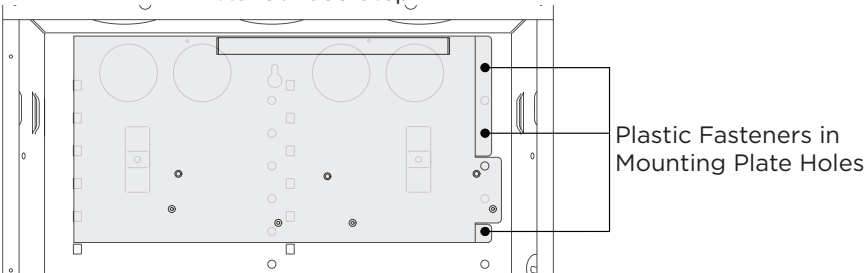


Figure 3: Secure the 351ONQ Mounting Plate

2 MOUNT A PCB

1. Insert the PCB into the comb slot of the mounting plate. See Table 1.
2. Secure the PCB with screws. See Figure 4.

Comb Slot	PCB
Top	XR150/XR550
Bottom	XT30/XT50 or 714-8/16

Table 1: Comb Slots to PCB

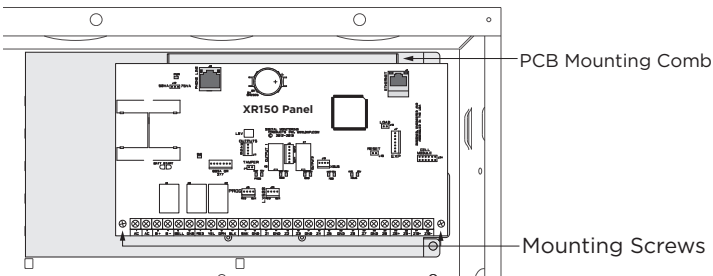


Figure 4: Install the PCB

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ROUTE WIRES

1. Insert the system wires through the top of the enclosure.
2. Route all wires to the left of the PCB and connect as needed. See Figure 5.

Note: Do not route wires across the face of the PCB.

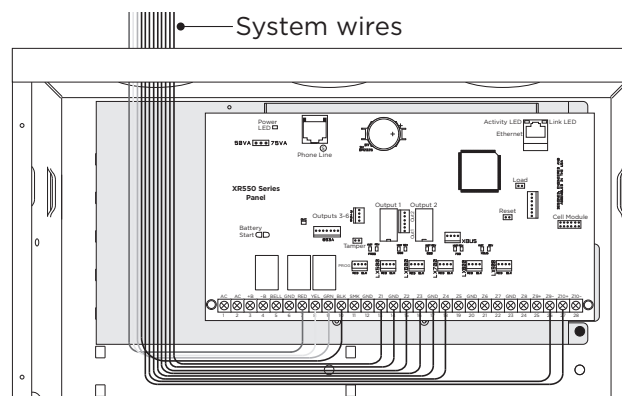


Figure 5: Wire Routing

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INSTALL A CELLULAR COMMUNICATOR

1. Remove AC and DC power from panel.
2. Insert the PCB standoff end with flanges into the standoff hole in the panel PCB.
3. Align the PCB standoff with the standoff hole in the 263LTE-V.
4. Press the 263LTE-V card 12 pin connector onto the CELL MODULE connector on the panel while applying even pressure to both sides of the board to fully seat the module. See Figure 6.

Note: Do not misalign the cell module 12 pin connector onto CELL MODULE. If needed, the PCB can be removed from the enclosure to allow placement of the cell module.

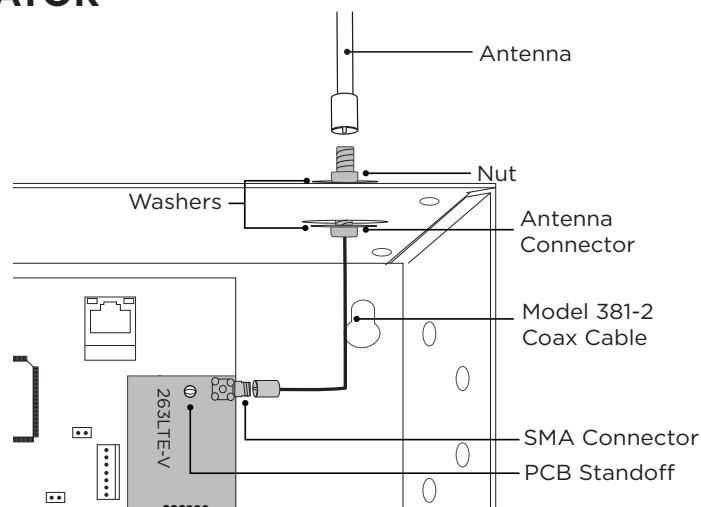


Figure 6: 263LTE-V Installation

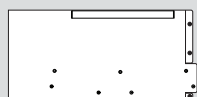
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CONNECTING THE ANTENNA

1. Remove panel from the mounting plate.
2. Drill a 1/4" hole in the top of the ONQ enclosure and remove all metal shavings.
3. Position one of the washers onto the 381-2 SMA connector and push the threaded end up through the drilled hole.
4. Position the second washer onto the threaded end extending through the drilled hole and secure with the nut.
5. Attach the included 383 Antenna to the SMA connector extending through the enclosure.
6. Attach the opposite end of the 381-2 Coax to the SMA connector on the 263LTE-V. Carefully coil the remaining coax and lightly secure. See Figure 6.

Note: As an alternative, an antenna coax can be connected directly to the 263LTE-V SMA connector when the coax enters the enclosure via conduit.

MODEL 351ONQ MOUNTING PLATE



Specifications

Metal:	18-gauge cold rolled steel
Dimensions:	L 13-1/8" x W 6-5/16"
Color:	White

Accessories

263LTE-V/381-2	Cellular Communicator with 18" Coax Cable
381-2	18" Coax Cable
381-12	12' Coax Extension
381-25	25' Coax Extension
386	Outdoor Antenna Mounting Bracket



Designed, engineered, and manufactured in Springfield, Missouri using U.S. and global components.
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