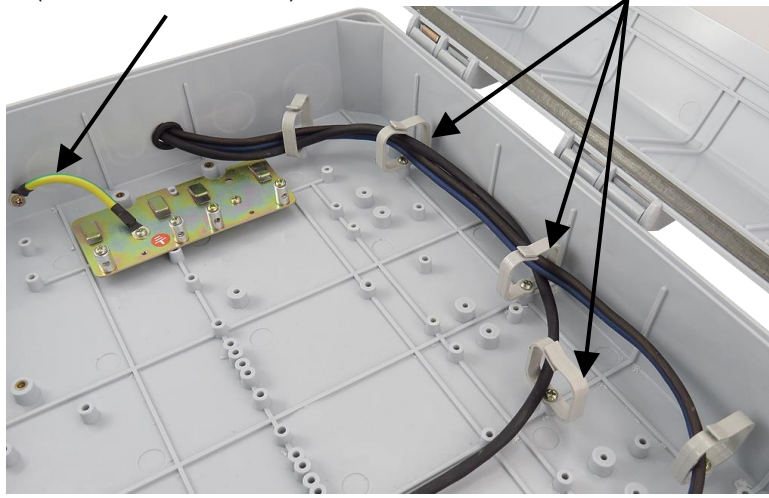# NP14 & 17 Series NEMA Enclosure Guide



**Knock-Outs**

The cutouts on the bottom and top of the enclosure can be knocked out or can be drilled to ensure a clean edge. Each enclosure comes with grommets to protect any cables or wires being fed into the enclosure. **Note, some models feature pre-installed grommets.**

## Enclosures without Equipment Mounting Plates
Models without mounting plates include the grounding plate and cable management clips. They can be installed as follows:

**Grounding Plate & Ground Wire Shown Installed**
(Included with Enclosure)

**Cable Management Clips Shown Installed**
(Included with Enclosure)



Grounding plate and cable guide clips can be installed using the provided self-tapping screws.

**WARNING: INSTALLATION OF THIS PRODUCT NEAR POWERLINES IS DANGEROUS. FOR YOUR SAFETY, FOLLOW THE INSTALLATION DIRECTIONS**

Under some conditions, this enclosure may not prevent electrocution. Users should keep enclosure away from any overhead wires. If enclosure contacts a power line, any initial protection could fail at any time. IF ENCLOSURE NEARS ANY OVERHEAD WIRES, IMMEDIATELY LET GO, STAY AWAY, AND CALL UTILITY COMPANY

**THIS ENCLOSURE IS DESIGNED TO BE INSTALLED ONLY BY A TRAINED PROFESSIONAL INSTALLER**

**Warning:** To avoid electric shock, grounding must be installed by the installer as part of the installation. The unit must be grounded and installed in accordance with National Electrical Codes (NEC) and any local codes. Note that non-metallic enclosures do not provide grounding between conduit connections.

**Warning:** Powered Enclosure must be locked when energized to prevent unauthorized access and shock hazard.

**Important:** Look over the site before beginning installation, and anticipate possible hazards. Select a safe site to install the enclosure.

If you have power lines in the area, call your local electric utility for assistance.

**NEVER** work alone; always have someone near who can summon help.
Check weather conditions. Be sure that the area is not slippery and make sure that rain or thunderstorms are not predicted for the day you install the enclosure.
If you need to use a ladder, make sure it is made of non-conductive (non-metallic) material.

Enclosures improperly installed or installed to an inadequate structure are susceptible to wind damage that can be very serious or even life threatening. Ensure that the installation is properly grounded. Ensure that the enclosure is properly secured and structurally sound to support all loads (weight, wind & ice).

**Rooftop Installation Warning**

**DO NOT** assume that just because you're on a roof, you're isolated from ground. You may still be electrocuted or fall off the roof.
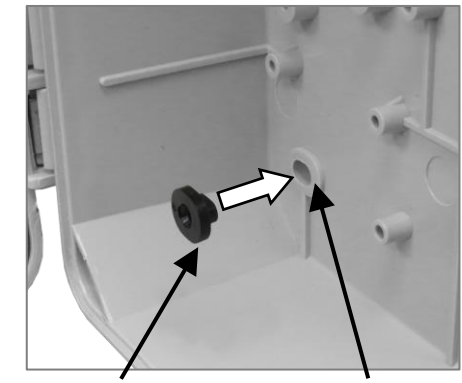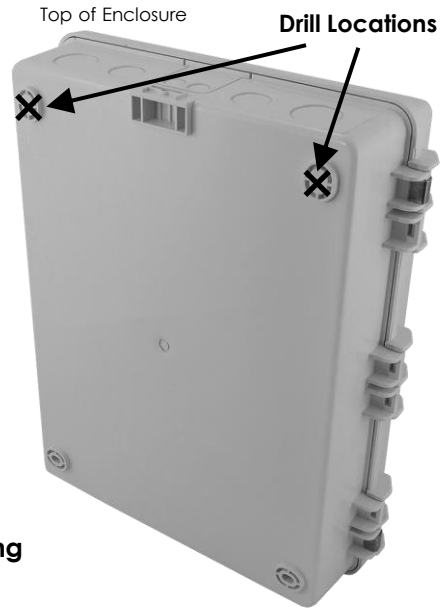
The NP141105 and NP171406 enclosures can be wall mounted using the supplied hardware or pole mounted using the optional **NMK Series** pole mounting kits available from www.ALTELIX.com.

**Step 1.** Using a ¼" drill bit, drill two holes into the rear of the enclosure at the locations shown.
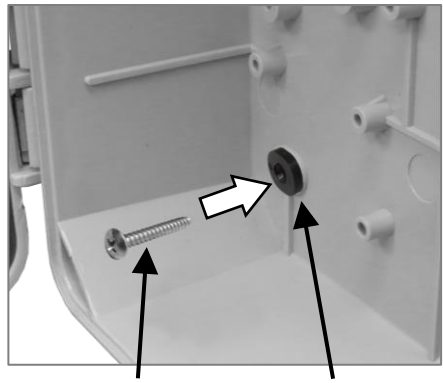
**Step 2.** Drill wall as required. See mounting hole dimensions on page 3.

Included with the enclosure are (4) Sealing Washers and (4) Screws with Wall Anchors.

Top of Enclosure

**Drill Locations**

**Screws with Wall Anchors**

**Rubber Sealing Washers**

**Rubber Sealing Washer**        **Mounting Hole**

**Mounting Screw**        **Rubber Sealing Washer**
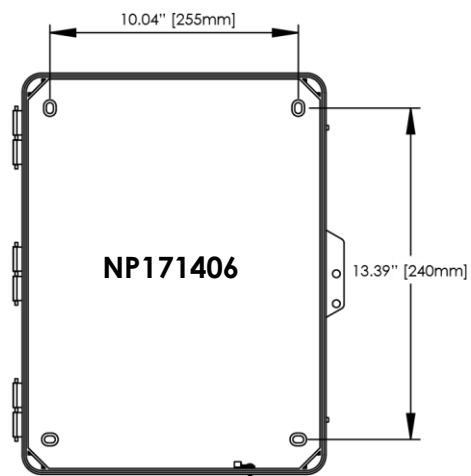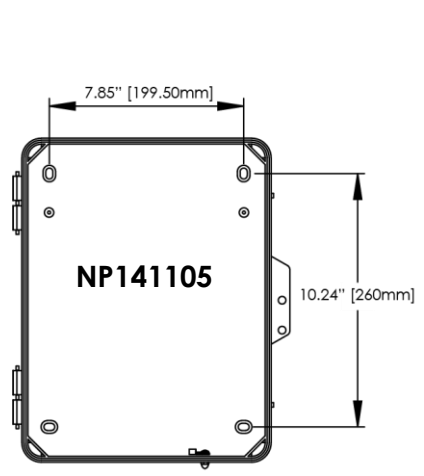
**Step 3.** Place (4) Rubber Sealing Washers into (4) mounting holes as shown.

**Step 4.** Secure the enclosure to the wall using the (4) Screws.

**Step 5.** When mounting the enclosure, ensure the rubber sealing washers completely cover the enclosure mounting holes to provide a water-tight seal. Silicone sealant can also be added to enhance the seal.

## Mounting Hole Dimensions

7.85" [199.50mm]

NP141105

10.24" [260mm]

10.04" [255mm]

NP171406

13.39" [240mm]

**Note:**
Drilling Templates can be download by visiting www.ALTELIX.com in the Resources section.

**Got Questions?**
**We are here to help.**
**Contact us at:**

sales@altelix.com

**USA & Canada Customers: 866-660-9434**
**International Customers: +1 561-660-9434**