

EZ METER-PAK® Metering Equipment

Installation Instructions

Class 4161 and 4162

INSTALLATION

⚠ DANGER

HAZARD OF ELECTRIC SHOCK, BURN, OR EXPLOSION

Turn off all power supplying this equipment before installing or working on it.

Failure to follow this instruction will result in death or serious injury.

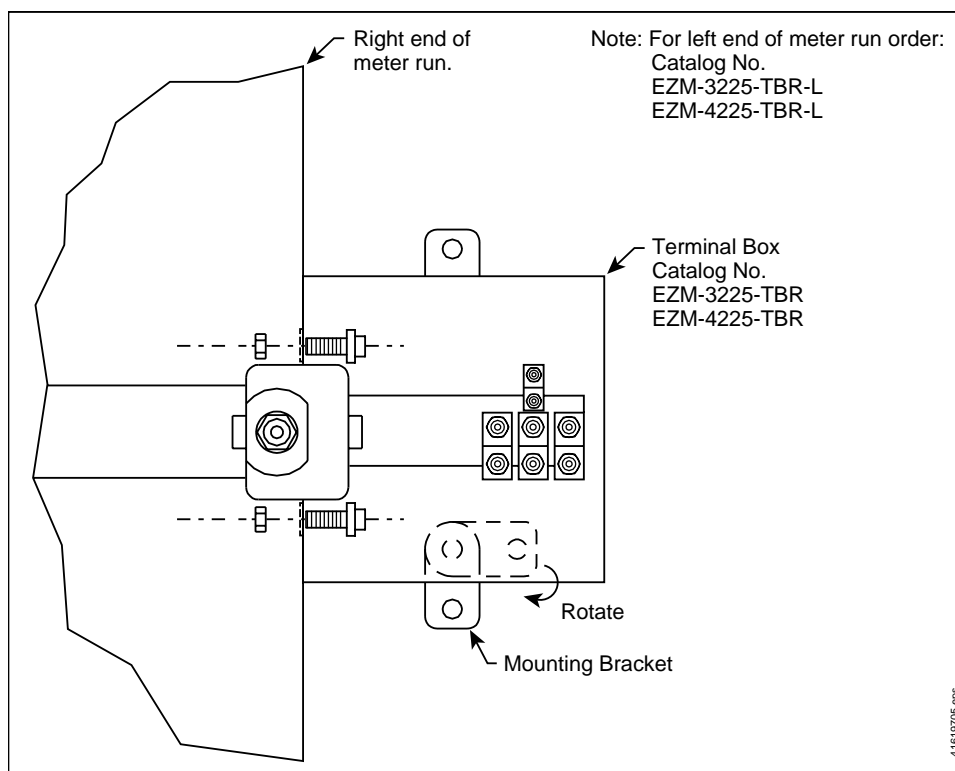


Figure 1: Mounting the Meter/Breaker

⚠ CAUTION

HAZARD OF ELECTRICAL OVERLOAD

- This device must be placed at the end of the meter run. See Figure 1.
- When this device is used as a feeder, place 1000, 1200, and 1600 A main disconnect or terminal box in the middle of the meter center, if used with 125 A branch devices with main cross bus rated 800 A.
- When this device is used as a feeder, place 1600 A main disconnect or terminal box in the middle of the meter center, if used with 150–200 A branch devices with main cross bus rated 1200 A.

Failure to follow these instructions can result in injury or equipment damage.

1. Refer to the instruction sheet attached to the meter or breaker unit for the height of the mounting channel.
2. Rotate the mounting brackets out from behind the box. Hang the meter or breaker unit on the mounting channel (see Figure 1).

NOTE: The terminal box does not mount on the channel. Mounting brackets should be rotated out from behind terminal box before installing to meter/breaker unit.

3. Remove the outer trim and the meter socket trim over the cross bus. Force the units tightly together and bond the enclosures using the two bolts and nuts provided in the cloth bag. To create adequate bonding, tighten the bolts to 70 lb-in (8 N•m).
4. Slide the captive screw through the hole in the box side and gasketing until the threads engage in the nut (provided in the bag assembly). See Figure 2. Tighten the nut to 50 lb-in (6 N•m).

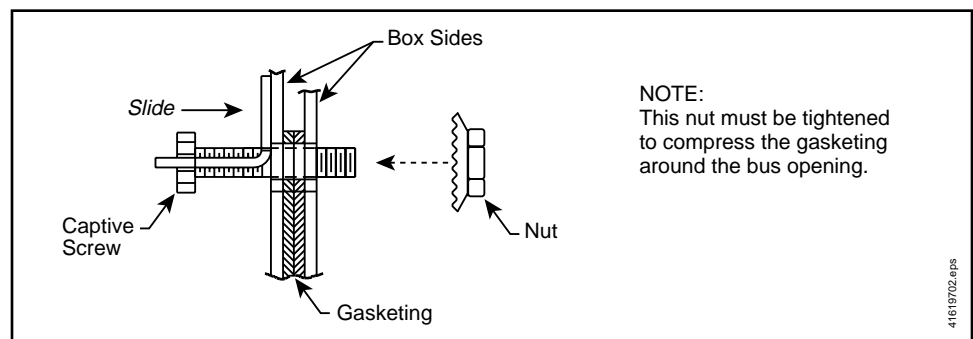


Figure 2: Installing the Nut onto the Captive Screw

5. Secure the units to the wall with mounting brackets.
6. Position the slider joint-pak by aligning the index mark with the inside wall of the box and tighten the VISI-TITE® bolt until the outer head twists off. Use an 18 inch or longer wrench handle. If the red disc is visible, the joint is not tight. For maintenance or relocation, tighten to 75 lb-ft (102 N•m) with a torque wrench.
7. Close the horizontal bus opening end of meter run with the closing plate provided with the terminal box.
8. Replace all outer covers.

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Electrical equipment should be serviced only by qualified electrical maintenance personnel. No responsibility is assumed by Square D for any consequences arising out of the use of this material.