

# INSTALLATION INSTRUCTIONS

**Installation Instructions for Premium and JIC Lines Types 2, 3, 3R, 3S, 4, 4X, 5, 6/6P, 12 and 13 (UL-50) File #E207562/E229365**

**Mounting Brackets** – A mounting bracket and screw pack is provided with the enclosure. To assemble, turn the enclosure upside down on a flat surface, place the mounting bracket over the square boss either horizontally or vertically, and fasten the mounting bracket with the ¼”-20 x 0.25” SS, countersunk phillips drive screws (torque limit = 20 in. lbs.). The enclosure can be mounted either horizontally or vertically, with the mounting brackets in any configuration, using any acceptable fastening technique. Should you need more mounting feet, order Integra P/N MFK.

**Covers/Doors** – Covers/doors have a gasket pre-assembled to seal against the base. Attach to the base in these three standard configurations:

1. Screw down in four corners with screws provided.
2. Externally hinged along one side of the major dimension of the enclosure with opposite side to the hinge screwed down with (2) #10-32 x 0.75” SS, pan Phillips drive screws.
3. Externally hinged along one side of the major dimension of the enclosure with opposite side to the hinges held by two lockout type SS latches (optional, not included with base product).

**\* Attachment with four screws provided is required for 6/6P type rating.**

Enclosures are provided with cover/door assembled to the base, #10-32 x 0.75” SS, phillips drive screws are provided to secure the cover/door to the base. When re-assembling after component installation, be sure to align gasket on cover/door with the sealing bead on the base.

Note: When starting and tightening screws, it is easiest to align and tighten screws by first starting all four screws then tightening opposite corners. 5” pounds maximum.

## Installation Instruction Notes:

**Installation of Conduit** – Conduit holes can be cut using standard hole saws. Locations are as desired per any applicable rules or codes.

**Metallic Conduit** – Secure the conduit connector into the conduit. Then secure the conduit connector into the pre-drilled hole in the enclosure with the connector locknut. Then secure the grounding bushing over the connector locknut.

**Nonmetallic Conduit** – Either assemble the conduit connector into the conduit, or the pre-drilled hole in the enclosure, whichever is easier, and secure with the connector locknut.

**Grounding of Conduit** – Any metallic conduit joining an enclosure must be grounded. Use Grounding Kit GK001.

1. All threaded inserts in the enclosure and for cover attachment are #10-32.
2. Bonding between grounding bushings/lugs or between the grounding bushings/lugs and the devices installed inside the enclosure must be according to applicable governing Electrical Code. For conduit & general grounding, use Grounding Kit GK001 (see Price Sheet).
3. Enclosure drilled for conduit or other modifications voids warranty and may not be returned.
4. Conduit must be aligned into or out of enclosure to prevent enclosure damage due to bending stress on enclosure walls.
5. Do not use PVC cement to connect fittings to enclosure.
6. Any fittings used, including conduit fittings, must be according to applicable governing Electrical Code and must maintain integrity of UL rating.
7. These enclosures have been listed with Underwriters Laboratories® for use with metallic conduit ¾” and smaller.
8. If the enclosure is provided with customer-specified modifications, the openings must be filled with listed fittings/components of the same environmental rating.