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Installation Instructions for 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 are provided with the Premium enclosures. 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 1/4"-20 x 0.5" SS, countersunk Phillips drive screws (torque limit = 32 in. lbs. maximum). The enclosure can be mounted either horizontally or vertically, with the mounting brackets in any configuration, using any acceptable fastening technique.

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

Non-Hinged Junction Pull Box:

- Screw down in four corners with screws provided. Torque for corner screws is 10 inch-pounds. (Required for type 6P Rating)

Externally Hinged Cutout Box:

- 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. To achieve 6P rating – all 4 screws will be used and torqued to 10 inch-pounds (this applies for the Premium line).
- Externally hinged along one side of the major dimension of the enclosure with opposite side to the hinges held by lockout-type latches.

Enclosures are provided with cover/door assembled to the base. For Premium line, #10-32 x 0.75" SS, Phillips drive screws are provided to secure the cover/door to the base. When re-assembling, 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 corner screws to 10 inch-pounds.

When used as a Pull Box, installation in the U.S. shall be in accordance with Section 314-28 of the National Electric Code, ANSI/NFPA 70-2008. Installation in Canada shall be in accordance with Section 12-3036 of the Canadian Electrical Code, C22.1-2006.

**Installation of Panels** – When installing panels screw down in four corners with screws provided. Torque for screws is 10-15 inch-pounds.

Installation Instruction Notes:

(Premium and Impact Lines)

**Installation of Conduit** – Conduit holes can be cut using standard hole saws. Locations are as desired per any applicable rules or codes. External mounting means are provided and molded into enclosures.

Enclosures marked with a model type 6/6P rating require installation instructions that specify the use of UL approved conduit hubs. Maximum Hub size for G242410 and H181610 is 3" all other enclosures is 2". Any hub must be mounted on a flat surface.

**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.

- All threaded inserts in the enclosure and for cover attachment are #10-32.
- 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.
- Enclosure drilled for conduit or other modifications voids warranty and may not be returned.
- Conduit must be aligned into or out of enclosure to prevent enclosure damage due to bending stress on enclosure walls.
- Do not use PVC cement to connect fittings to enclosure.
- Any fittings used, including conduit fittings, must be according to applicable Electrical Code and must maintain integrity of UL rating.
- If the enclosure is provided with customer-specified modifications, the openings must be filled with listed fittings/components of the same environmental rating.
- Type 2 and 3R if fitted with drain opening 1/8" min. to 1/4" max. and located in the lowest part of the bottom wall.

Part No. INSTALL SHT-INTEG REV. F

NO CHEMICAL BASED THREAD LOCKER OR ANTI-SEIZE RECOMMENDED ON THIS PRODUCT

# Integra Enclosures Bulk Pack Base/Cover Application Matrix

## Premium - H Series

For These Bases*	Use One of These Covers*
H664BS	H66CSO, X66CSC
H664BH	H66CHO, X66CHC
H864BS	H86CSO, X86CSC
H864BH	H86CHO, X86CHC
H884BS	H88CSO, X88CSC
H884BH	H88CHO, X88CHC
H1082BS	H108CSO, X108CSC
H1082BH	H108CHO, X108CHC
H1084BS	H108CSO, X108CSC
H1084BH	H108CHO, X108CHC
H1086BS	H108CSO, X108CSC
H1086BH	H108CHO, X108CHC
H12104BS	H1210CSO, X1210CSC
H12104BH	H1210CHO, X1210CHC
H12106BS	H1210CSO, X1210CSC
H12106BH	H1210CHO, X1210CHC
H141206BS	H1412CSO, X1412CSC
H141206BH	H1412CHO, X1412CHC
H161407BS	H1614CSO, X1614CSC
H161407BH	H1614CHO, X1614CHC
H161407LP	H1614CLPO, X1614CLPC
H181610BS	H1816CSO, X1816CSC
H181610BH	H1816CHO, X1816CHC
H181610BLP	H1816CLPO

## Impact - P Series

For These Bases*	Use One of These Covers*
P663BH	P66CHO, P66CHC
P663BHLL	P66CHOLL, P66CHCLL
P663BLP	P66CLPO, P66CLPC
P663BLPLL	P66CLPOLL, P66CLPCLL
P863BH	P86CHO, P86CHC
P863BHLL	P86CHOLL, P86CHCLL
P863BLP	P86CLPO, P86CLPC
P863BLPLL	P86CLPOLL, P86CLPCLL
P982BH	P98CHO, P98CHC
P1086BH	P108CHO, P108CHC
P1086BHLL	P108CHOLL, P108CHCLL
P1086BLP	P108CLPO, P108CLPC
P1086BLPLL	P108CLPOLL, P108CLPCLL

## Genesis - G Series

For These Bases*	Use One of These Covers*
201608BH	2016CHO, 2016CHC
242410BH	2424CHO, 2424CHC

Note: For 6P/IP 68 Use 4 Cover Corner Screw Kit # Cover kit 4-4

\*Part No. may have color or machined designation suffix, always refer to listed core Base part number and match to listed core Cover part no..