

Installation Instructions

K1601PCC(R)

Side-Mount Clampable Bushing Well

CONTENTS: Clampable bushing well gasket, Installation Instructions.

DANGER

All apparatus must be de-energized during installation or removal of part(s).

All apparatus must be installed and operated in accordance with individual user, local, and national work rules. These instructions do not attempt to provide for every possible contingency.

Do not touch or move energized products.

Excess distortion of the assembled product may result in its failure.

Inspect parts for damage, rating and compatibility with mating parts.

This product should be installed only by competent personnel trained in good safety practices involving high voltage electrical equipment. These instructions are not intended as a substitute for adequate training or experience in such safety practices.

Failure to follow these instructions will result in damage to the product and serious or fatal injury.

If this product is supplied with a protective shipping cover(s), remove this shipping cover(s) and replace with the appropriate HV insulated cap(s) or connector(s) before submerging or energizing the circuit.

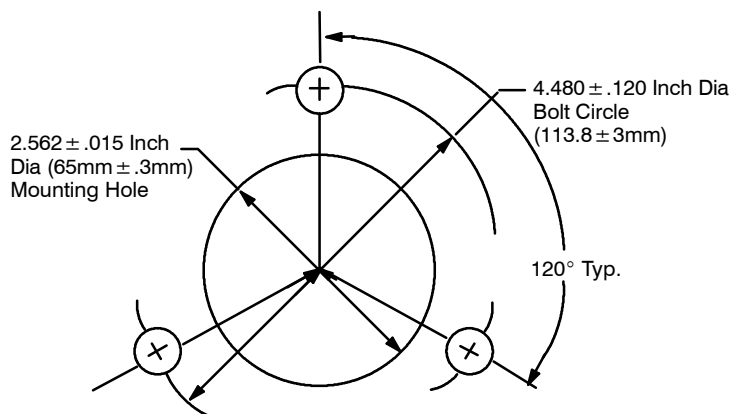
FOR MORE INFORMATION ON PARTS, INSTALLATION RATINGS AND COMPATIBILITY, CALL THE NEAREST ELASTIMOLD OFFICE.

IMPORTANT

1. Check contents of package to ensure they are complete and undamaged.
2. Check all components to ensure proper fit with cable and/or mating products.
3. Read entire installation instructions before starting.
4. Have all required tools at hand and maintain cleanliness throughout the procedure.

The K1601PCC(R) is designed to provide the apparatus interface for Elastimold 15kV class (8.3kV phase-to-ground and 25kV class (15.2 phase-to-ground) connectors.

1. When energized, the stud end of bushing well must be completely immersed under a suitable head of oil.
2. Unit must be located such that sufficient clearance is obtained with respect to other internal components of the equipment so as not to degrade the electrical performance of the bushing well.
3. Instructions apply only to ELASTIMOLD clampable side-mount bushing wells suitable for mounting with gasket and clamp on the side wall panel of oil-filled tanks such as pad-mounted transformers.
4. Shipping cover should remain affixed to bushing well to protect interface until mating device is installed.
5. Required tank hole size is $2.562 \pm .015$ " ($65\text{mm} \pm 0.3\text{mm}$).
6. Locate $3/8$ " - $16 \times 2 - 7/16$ inch (M10 x 1.5 x 37mm) weld studs as shown.
7. Contact area under gasket must be smooth and free of contaminants.



STEP 1

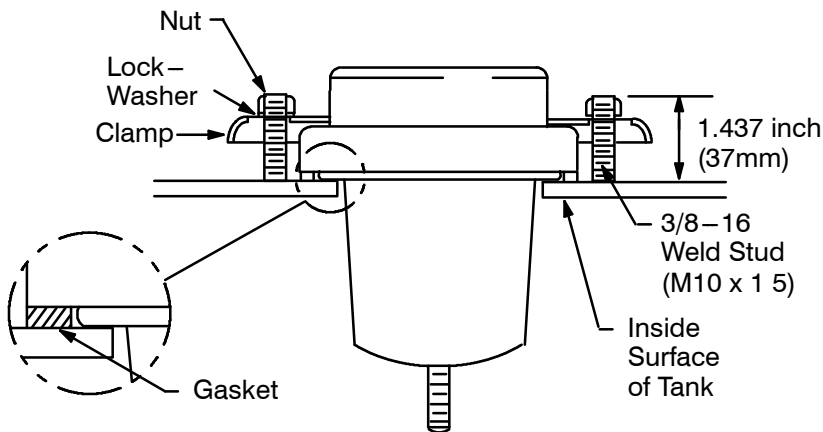
Remove shipping cover from bushing well. Insert the bushing well through tank hole and center. Insure gasket is in proper position. Assemble clamp over bushing well as shown and apply lockwashers and nuts.

STEP 2

Alternately torque the nuts on each stud in steps until each is at 75 to 90 inch-pounds (8.5-10 Newton-meter).

STEP 3

Install the mating products to the bushing well following instructions supplied with the mating products. Note: If the bushing well is not to be immediately mated with any product, replace the shipping cover. Do not energize or submerge the apparatus with the shipping cover on the bushing well. (This is a protective cover which is not insulated or water tight and is only intended to keep the well surfaces clean during handling and installation.)



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