

Installation Instructions

274J2(1), J3(1), J4(1) – 5

Two-, Three-, and Four-Point Loadbreak Junctions

CONTENTS: Loadbreak Junction with Holdown Brackets and Hardware (as required), Shield Plate, Installaion Instructions.

The two-, three-, and four-way loadbreak junctions are used for sectionalizing, looping, tapping or for apparatus change out. These junctions provide interconnected apparatus interfaces for Elastimold 25kV class (15.2kV phase-to-ground and 26.3kV phase-to-phase) loadbreak connectors. A yellow band provides indication of full elbow seating and also provides vents for improved switching performance. This product is identified by a round yellow marker supplied with this kit. Remove the adhesive backed marker and attached it to the mounting surface when it will be visible to operator.

DANGER

All apparatus must be de-energized during installation or removal of part(s). For loadbreak products follow operating instructions. All deadbreak connectors must be de-energized before operating. All 200A deadbreak connectors must be mechanically secured with bails when connected.

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.

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

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.

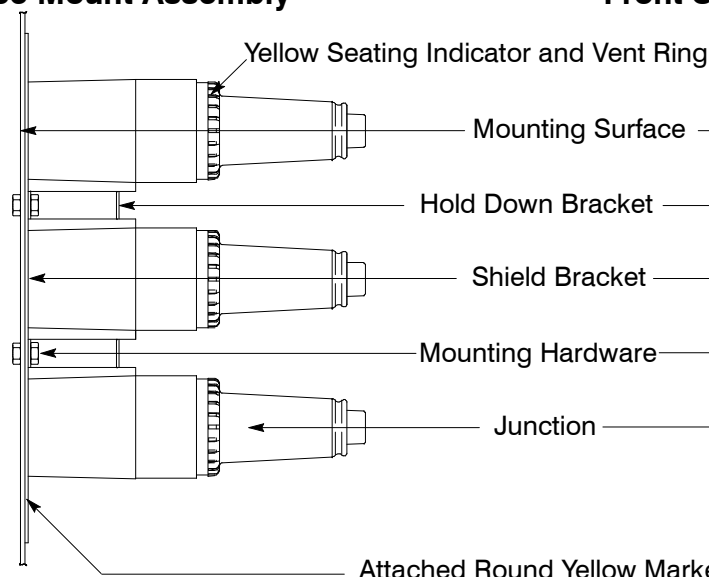
Failure to follow these instructions will result in damage to the product and serious or fatal injury.

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.

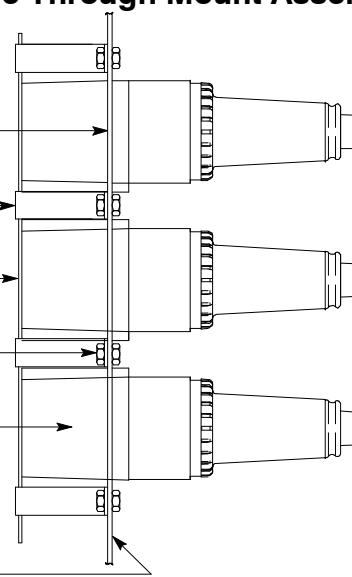
IMPORTANT

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.

Front Surface Mount Assembly

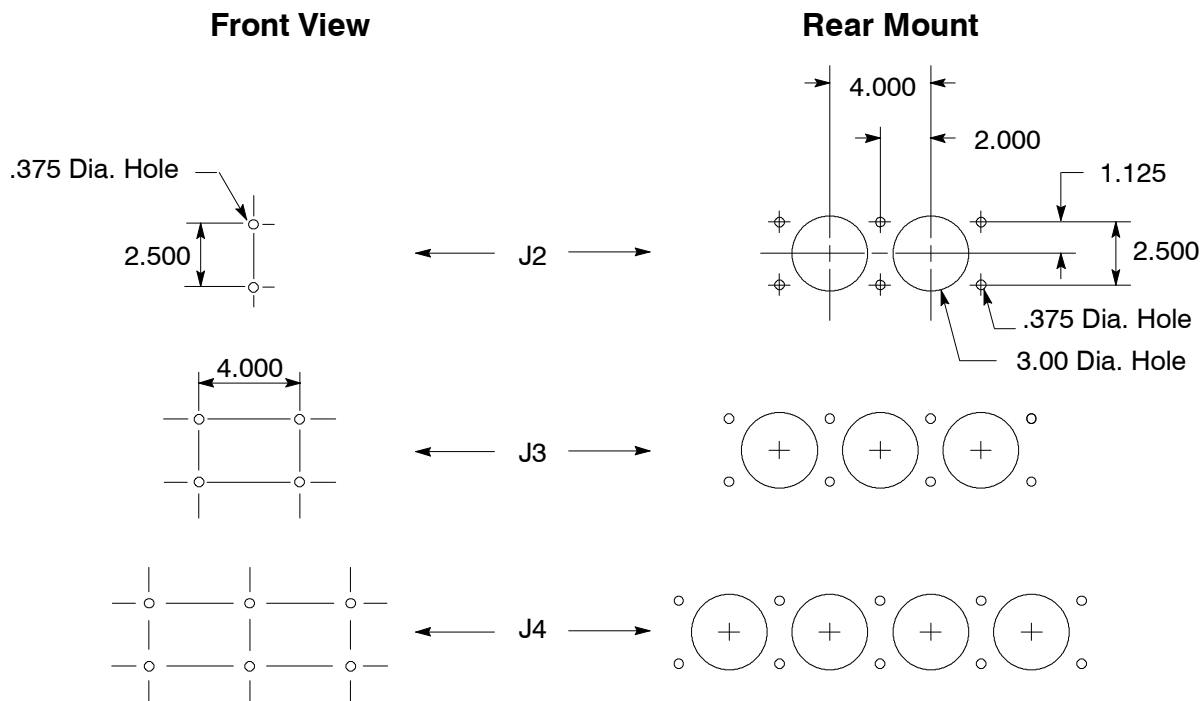


Front Surface Through Mount Assembly



STEP 1

Determine the desired location of the junction assembly and drill holes as shown.



STEP 2

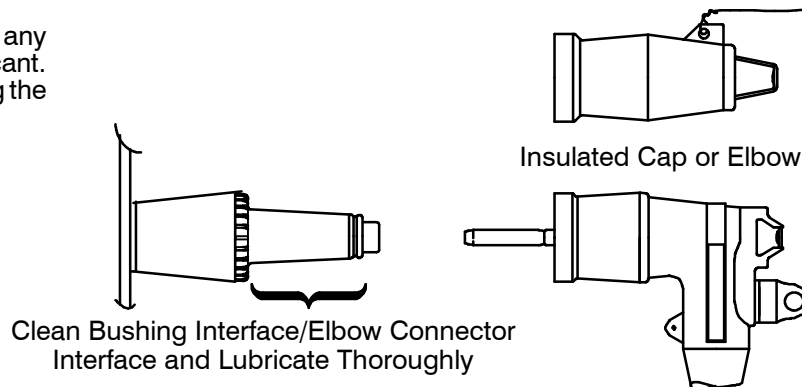
Assemble loadbreak junction, shield plate and hold down brackets with supplied fasteners, attach to flat surface and tighten all fasteners securely to ensure no movement during operation.

CAUTION

THE SHIELD PLATE, HOLD DOWN BRACKETS AND BLACK CONDUCTIVE RUBBER SHIELD MUST BE GROUNDED. IF THE MOUNTING SURFACE IS CONDUCTIVE AND GROUNDED, NO OTHER GROUND IS NECESSARY. FOR INSULATING MOUNTING SURFACES A GROUNDING LUG (NOT PROVIDED) MUST BE ATTACHED WITH ONE OF THE MOUNTING BOLTS AND A GROUND WIRE (14AWG MINIMUM) BE ATTACHED TO THE LUG AND A GROUND BUS.

STEP 3

Thoroughly wipe the bushing interface clean of any contaminants and lubricate with the supplied lubricant. Install the mating products to the bushing insert following the instructions supplied with the mating products.



STEP 4 SEATING INDICATION

Complete assembly of an insulated cap or elbow is indicated by no portion of the yellow band being visible when viewed from the side.

