

Installation Instructions

K1501J2U-8 / K1501J3U-8 / K1501J4U-8

Two-,Three- and Four- Point Deadbreak Junctions

CONTENTS: Deadbreak junction with bracket, Universal mounting brackets, Lubricant, Installation Instructions.

The ELASTIMOLD K1501J2U-8 K1501J3U-8 and K1501J4U-8 deadbreak junctions are designed to provide a means of apparatus change out, sectionalizing, tapping, or looping. The following deadbreak products mate with the deadbreak junctions: 156LR, K150DR.

The K1501 series junctions are designed for use with ELASTIMOLD 25kV class (15.2kV phase-to-ground and 26.3kV phase-to-phase) deadbreak components.

The K1501J2U-8, K1501J3U-8 and K1501J4U-8 deadbreak junctions are designed for universal mounting on flat surfaces. The mounting angle of the junction is adjustable from 0° thru 45° above or below the horizontal in 15° increments.

WARNING: DO NOT CONNECT OR DISCONNECT MATING PRODUCTS WHILE ENERGIZED. Do not energize while disconnected.

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.

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.

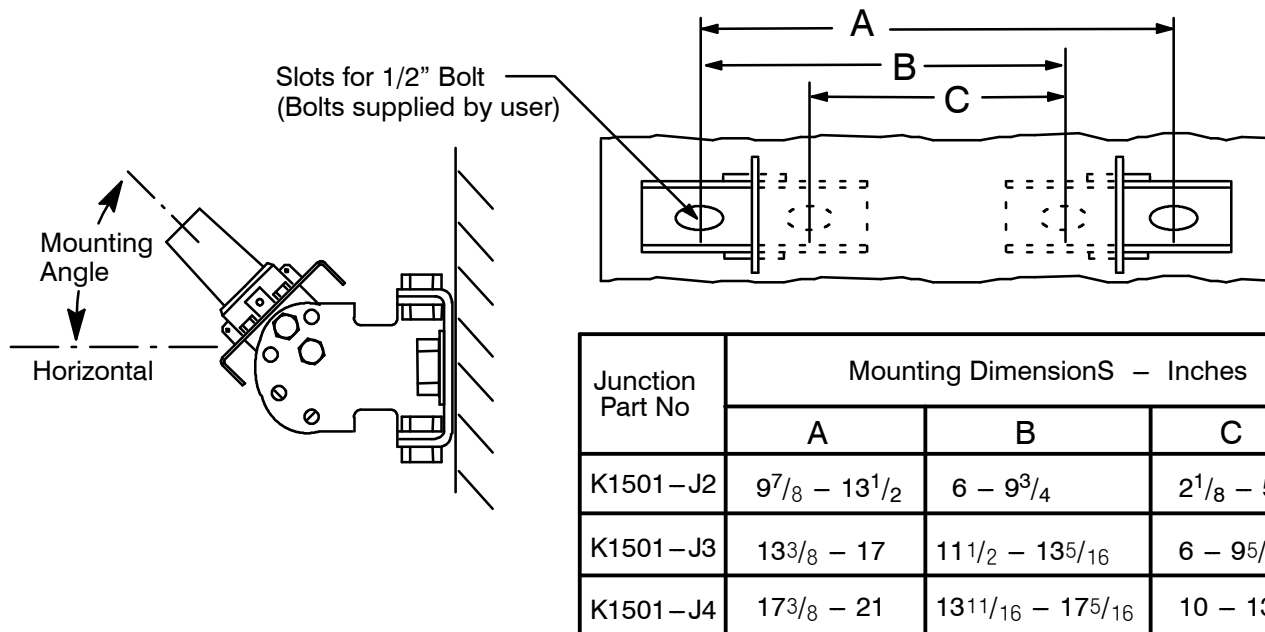
IMPORTANT

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.
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STEP 1

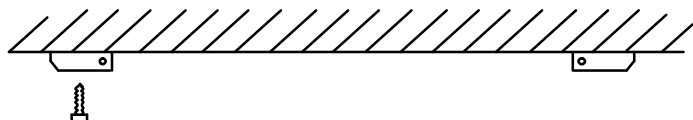
Determine the desired mounting angle and the desired direction of the slotted bracket. Loosely attach the pre-assembled universal mounting brackets to the junction back plate. Place junction assembly against the wall in desired location and mark slot location on the wall.

CAUTION: One or both of the mounting brackets can be reversed to change the distance required between bolt centers. The mounting bracket slot length provides the dimensional ranges between bolt centers as indicated in the diagram.



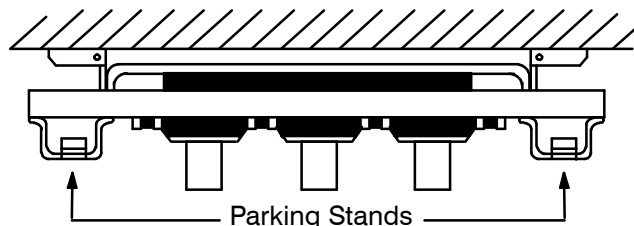
STEP 2

Remove slotted mounting brackets from assembly and attach to wall with suitable fasteners.



STEP 3

Assemble deadbreak junction to slotted mounting brackets and tighten all bolts securely to ensure no movement during operation. Make sure that parking stands are in an upright position as shown in Step 4.



STEP 4

Attach suitable wire to ground lug and connect to system ground. Ground wire should be sized to carry the rated fault current or the system fault current if less than the product rating. Attach hold-down bails (supplied with elbow), to junction.

