

Installation Instructions K150S In-Line Deadbreak Junctions

CONTENTS: *In-line Junction, Nylon Venting Rod, Lubricant, Installation Instructions.*

K156LR Elbow Connectors
K151SR Straight Receptacles

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

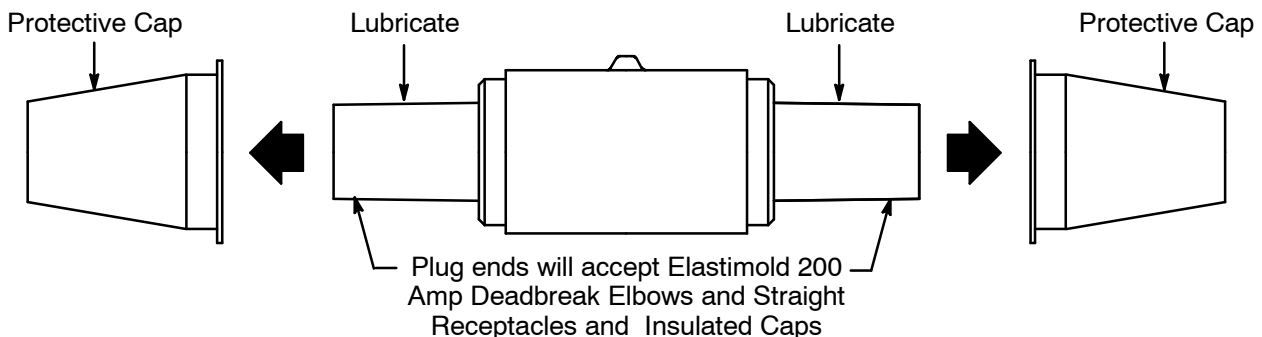
1. Check contents of package to ensure they are complete and undamaged.
2. Check all components to ensure proper fit with cable and/or mating products.
3. Read entire installation instructions before starting.
4. Have all required tools at hand and maintain cleanliness throughout the procedure.

STEP 1

It is recommended that an appropriate ELASTIMOLD bailing assembly be utilized to secure all connectors from separating due to cable movement. Refer to the appropriate bailing assembly instructions prior to beginning installation of the K150S and its mating connectors.

STEP 2

Remove protective caps and lubricate plug ends with silicone grease supplied. **DO NOT SUBSTITUTE.** To keep plug ends clean, do not remove protective caps until it is time to make final connections. Always install mating parts first, following instructions enclosed with the parts.

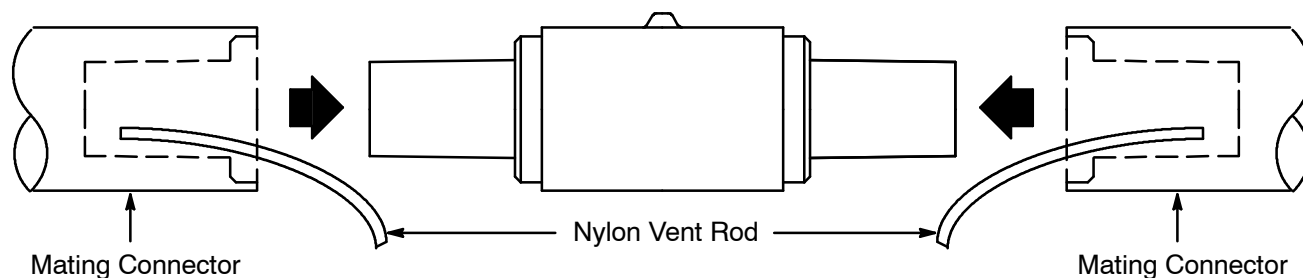


STEP 3

Before installing mating parts on the K150S, be sure the cables on these parts are properly trained. The cable should be trained so that the cable entrances are not strained, and care must be taken to ensure that the cable entrances will remain at a angle 90° from the center line of the K150S.

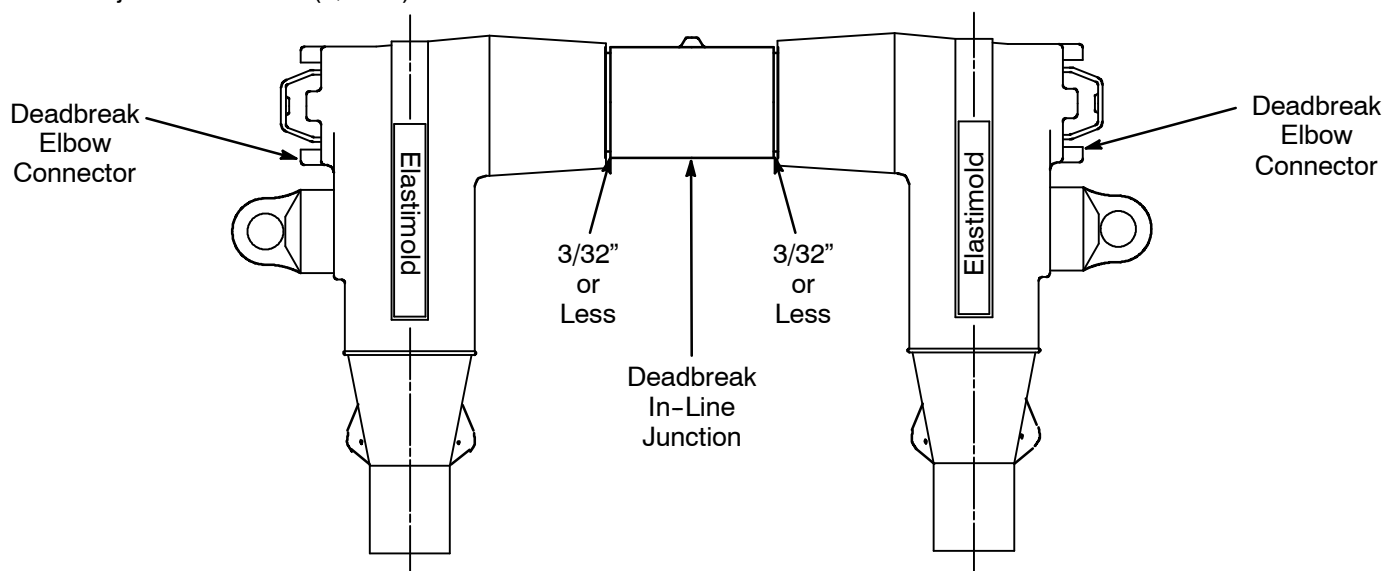
STEP 4

Insert the nylon venting rod into the receptacle portion of the desired mating connector to exhaust the air during assembly. Push the connector onto the in-line junction as far as possible. Remove the nylon rod to complete the installation. Repeat this procedure for the other end of the in-line junction.



STEP 5

Proper installation of the in-line junction and the mating part is achieved when the gap between the skirts of the mating part and the in-line junction is 3/32" (2,4mm) or less.



Shown above is the in-line junction mated with two elbow connectors. The requirement of a gap 3/32" (2,4mm) or less is necessary to bail the assembly. Be sure to follow the installation instructions packaged with the bailing assembly. The 15TB3 bailing assembly is used with elbow connectors; the 15TB4 bailing assembly is used with straight receptacles.

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