

Installation Instructions

K151LY

Deadbreak Non-Separable Straight Receptacle, 3-Way Splice

CONTENTS: *Straight Receptacle, Conductor Contact (male), K151LY 3-way Connector, Nylon Venting Rod, Lubricant, Installation Instructions, Crimp Chart.*

The K151LY is designed to permanently connect lengths of solid dielectric type cables by mating with three ELASTIMOLD K151LSR's. Cable installation for the K151LSR is included in a separate installation instruction (IS-K151LSR) packaged with that part.

CAUTION: This product is designed to lock together with, and is intended for use with the K151LSR ONLY.

The K151LY is for use on 15kV class systems (8.3kV phase-to-ground) or 25kV class systems (15.2kV phase-to-ground).

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

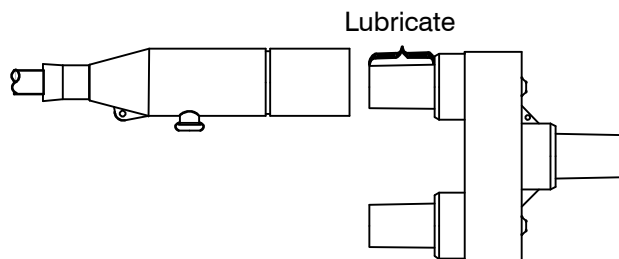
1. Check contents of package to ensure they are complete and undamaged.
 2. Check all components to ensure proper fit with cable and/or mating products.
 3. Read entire installation instructions before starting.
 4. Have all required tools at hand and maintain cleanliness throughout the procedure.
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STEP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

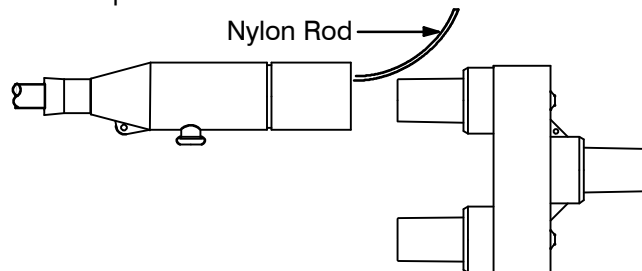
Follow enclosed instructions for the three K151LSR's, STEPS 1–3 ONLY.

STEP 2

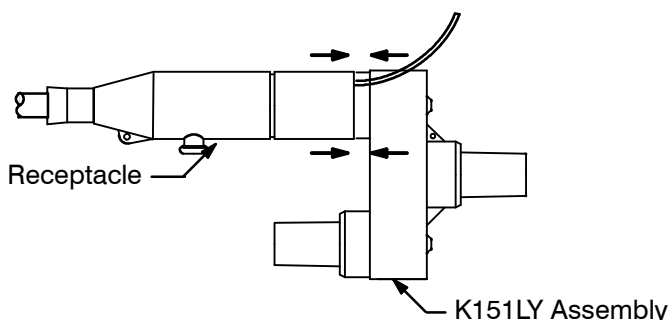
A. Lubricate nose with silicone grease.



B. Place nylon rod into receptacle face until it bottoms (approximately $1 \frac{3}{4}$ "). Care should be used to ensure the nylon rod is not cut while mating parts, leaving material inside upon the interface.



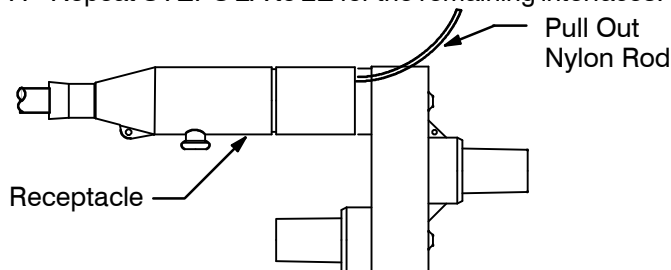
C. Insert the K151LY assembly into receptacle as far as possible. When mating, the assembler will feel the contact assembly "CLICK", lock into its final position.



D. Verify the locking assembly contact by pulling on the cables; DO NOT PULL THE HOUSINGS. If the parts separate, repeat STEPS 2B and 2C.

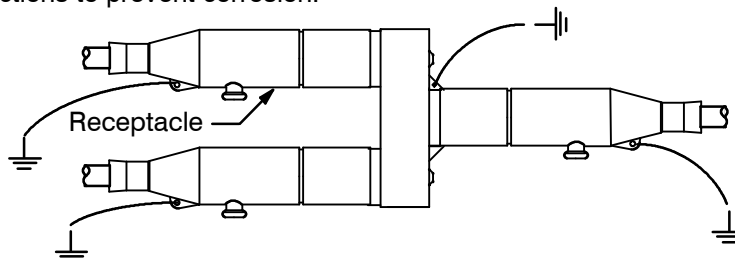
E. Pull out nylon rod.

F. Repeat STEPS 2A to 2E for the remaining interfaces.



STEP 3 Grounding

Connect a length of (#14 AWG or equivalent) copper wire (customer supplied) thru the grounding tab and twist tightly as shown. Then connect the grounding assembly, of the locking "Y" to the system ground by merging with the cable shield of each cable. Seal the grounding wires and connections to prevent corrosion.



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