

Installation & Operating Instructions (K)655BEA, 750BEA, (K)675BEA, 775BEA Deadbreak Bushing Converters

CONTENTS: *Bushing Converter, Lubricant (DO NOT SUBSTITUTE), Installation & Operating Instructions.*

The bushing converter, with a rated voltage and current as indicated on the product when used with the appropriate 200 ampere device, is designed to provide a fully shielded, fully submersible method of obtaining: 1) a fully hot–stick operable method of dead–ending a 600/900 ampere bushing, 2) a 200 ampere tap off a 600/900 ampere system, 3) surge protection.

THE AVAILABLE FAULT CURRENT MUST BE LIMITED TO 10,000 AMPERES WHEN USING THIS PRODUCT.

DANGER

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

Do not touch or move energized products in the work area.

These instructions do not attempt to provide for every possible contingency.

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

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.

All apparatus must be installed and operated in accordance with individual user, local, and national work rules.

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.

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.

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

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.

Limited Warranty:

1. T&B warrants that its products will be free from defects in materials or workmanship for a period of two (2) years, except for tools which are warranted separately (see warranty accompanying those products). Fisher Pierce® products and Elastimold® Reclosers are warranted for three years; and Joslyn™ VBT and VBU capacitor switches are warranted for four years or 40,000 operations whichever occurs first. Upon prompt notification of a warranted defect, T&B will, at its option, repair or replace the defective product.
2. In no event shall T&B be liable for any consequential, indirect or special damages, nor will T&B be liable for transportation, labor, or other charges arising out of the removal or reinstallation of its products. Liability for breach of warranty is limited to the cost of repair or replacement of the warranted product only.
3. Misuse, misapplication or modification of T&B products immediately voids all warranties.

THE WARRANTIES AND REMEDIES CONTAINED HEREIN ARE EXCLUSIVE AND ARE IN LIEU OF ALL OTHER WARRANTIES AND REMEDIES, INCLUDING BUT NOT LIMITED TO ANY IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, WHICH ARE SPECIFICALLY DISCLAIMED.

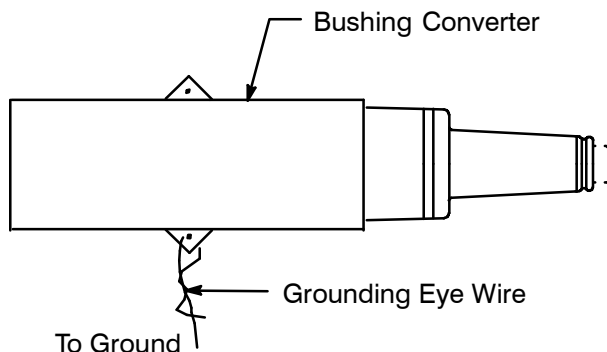
IMPORTANT

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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Thomas & Betts
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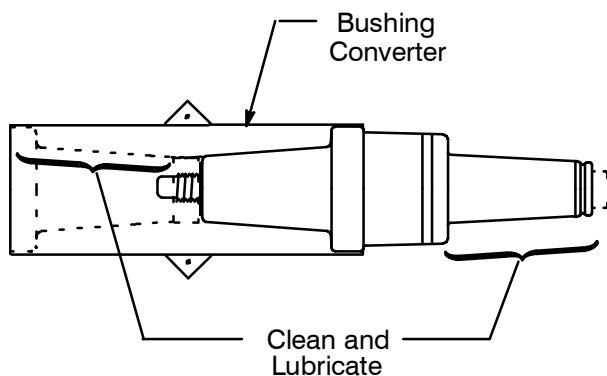
STEP 1

Insert one end of a length of a #14 AWG copper wire (or equivalent) through the grounding eye of the bushing converter, leaving sufficient length to allow movement to the apparatus bushing. Make a small loop and twist tightly, taking care not to damage the eye. Connect this wire to system ground using a suitable connector.



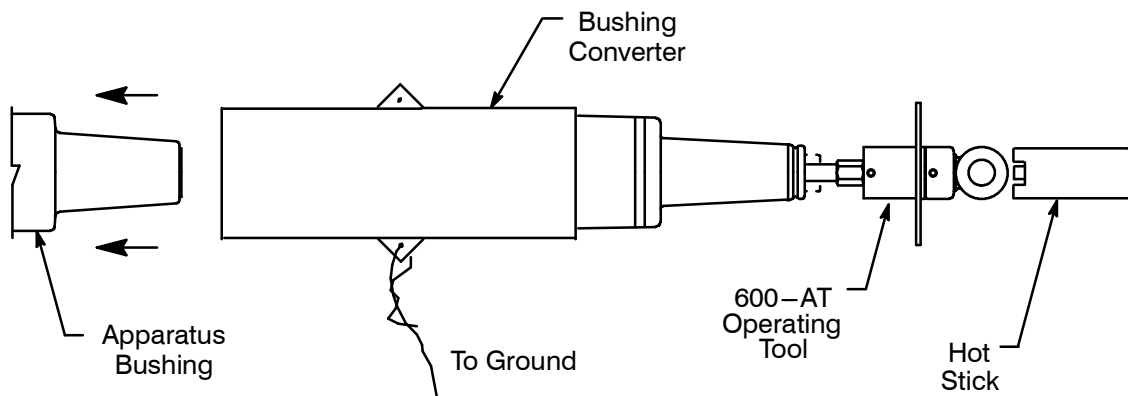
STEP 2

Clean and lubricate the bushing converter interfaces, as noted, with lubricant supplied or ELASTIMOLD[®] approved lubricant. Keep all mating surfaces clean.



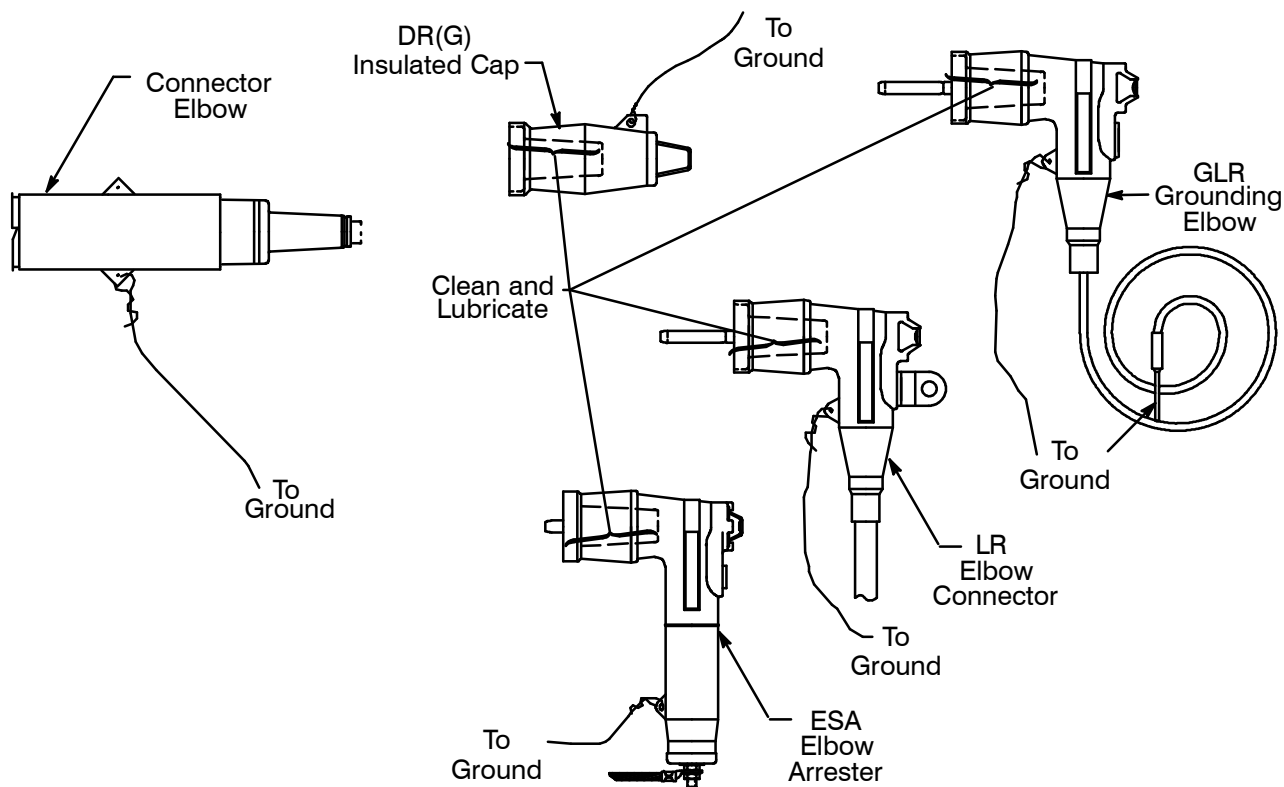
STEP 3

Insert 600-AT, operating tool, into the tap plug until fully seated. Attach a hot-stick to eye of 600-AT. Assemble bushing converter on apparatus bushing by turning hot-stick in a clockwise direction. This must be done while pushing the bushing converter toward the apparatus bushing. Continue to rotate the hot-stick, clockwise, until it begins to ratchet signifying the proper assembly torque has been reached. Remove 600-AT from bushing converter.



STEP 4

Clean and lubricate an insulated cap, grounding elbow, loadbreak elbow or elbow arrester as noted below with the lubricant supplied or ELASTIMOLD® approved lubricant. Install the mating product to the bushing interface following the instructions supplied with each of these products.



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