

Installation Instructions:

EACT-0750 – TMBC 350-750 AWG-KCMIL

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 and electrical standards.

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

A Member of the ABB Group

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Tools	Aluminum	Copper
		
AF 3/4" or SW19 	Tighten only with hexagon socket AF 3/4" or SW19	
	350/500/750 AWG-KCMIL	

CAUTION: Impact guns should not be used to install shearbolt connector. Use with fine stranded conductors must be approved by Elastimold® technical services.

Utilization of center ring	Aluminum	Copper
		
	350/500 AWG-KCMIL	350 AWG-KCMIL

Installation Steps

1. Insert center ring into barrel.
NOTE: Center ring utilized per table above.
2. Prepare cable as specified in instructions accompanying applicable cable accessory.
3. Clean conductor before installing in barrel.
Wire brush aluminum conductor and immediately insert into barrel.
4. Torque bolt #1 with slow, steady turns until contact with conductor. Repeat with bolts #2 and #3.
5. Using the hexagon socket specified in the table, and starting with bolt #1, apply torque alternately to each bolt, until the head shears off. NOTE: It is recommended that the connector barrel be held securely in place during the shearing process.
6. If bolts do not shear off flush with connector barrel, manual rework is required.
Contact Elastimold® technical services.

