

Installation Instructions: ECS - Jacketed Cable Sealing Kit

for Jacketed Concentric Neutral Shielded Cable

200 ECS - Cable O.D. Range 0.80"-1.50" (20-38mm)
600 ECS - Cable O.D. Range 1.28"-2.30" (32-58mm)

CONTENTS: Cold Shrink Tube, 3 - Pieces Mastic Strip, Installation Instructions.

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.

FOR MORE INFORMATION ON PARTS, INSTALLATION RATINGS AND COMPATIBILITY, CALL THE NEAREST ELASTIMOLD[®] OFFICE.

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.

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.

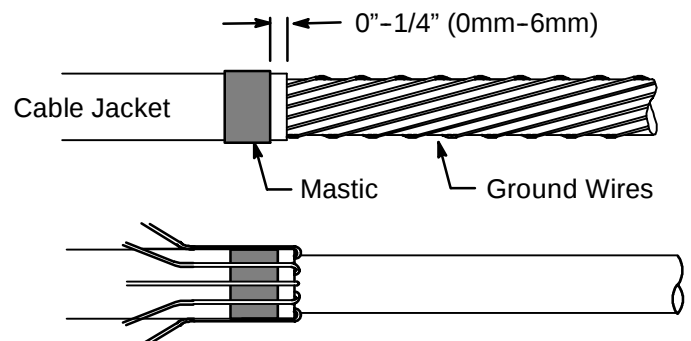
IMPORTANT: Cutback dimensions should be checked; exposed length of semi-con between cable jacket and device end should be no more than 2-1/2" (64mm).

STEP A

Remove cable jacket for a distance of 2-1/2" (64mm) more than cutback length for the cable semicon as stated in the manufacturer's instructions.

Wrap the first mastic strip around the cable jacket 0" to 1/4" from the end. Stretch as needed to completely encircle the cable. Bend the ground wires back over the mastic and along the jacket, pressing them into the mastic.

IMPORTANT: Ground wires should not touch each other when pressed into the mastic to allow a complete seal around each wire to prevent water ingress.



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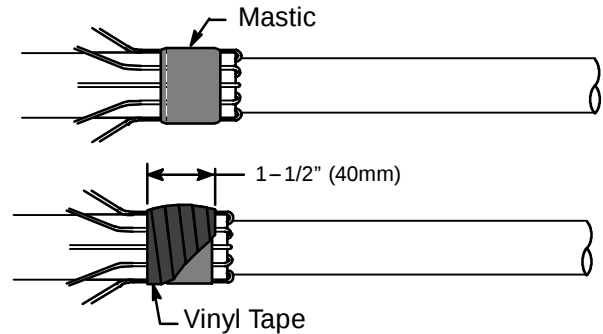
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(800) 888-0211 Fax: (800) 888-0690

STEP B

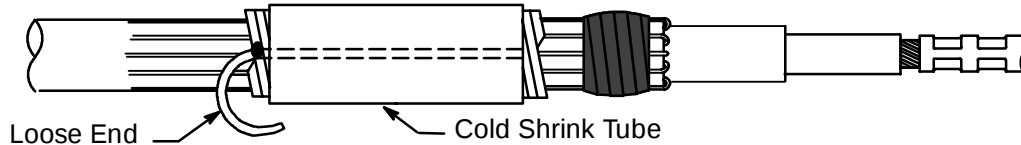
Wrap the second mastic strip over the ground wires above the previously applied mastic. Press mastic to fill voids. Over wrap the mastic and wires tightly with two half-lapped layers of vinyl tape for a width of approximately 1-1/2" (40mm).

Prepare the cable end per the manufacturer's instructions for the elbow, joint or terminator.



STEP C

Slide on the cold shrink tube with loose end away from the connector. Install the elbow, joint or terminator per manufacturer's instructions.



STEP D

For 200amp products, wrap the third mastic strip overlapping both the product end and the cable adapter, as shown.

For 600amp products, wrap the third mastic strip immediately below the product over lapping the cable entrance of the cable adapter, as shown.

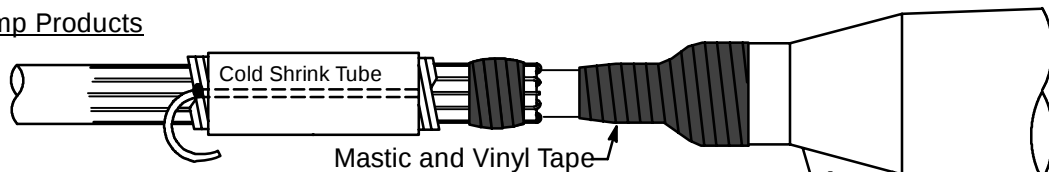
For terminators, wrap the third mastic strip immediately below the stress cone, as shown.

Over wrap mastic with two half-lapped layers of vinyl tape for both applications.

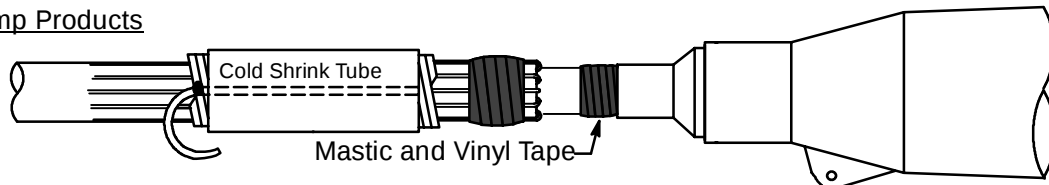
Pull loose end from back and unwind cord in clockwise direction until plastic core is flush with end of cold shrink tube. Slide cold shrink tube into position and continue to unwind cord in clockwise direction. Cold shrink tube will collapse at product end first.

IMPORTANT: Tube must overlap elbow or joint end at least 1 inch (25mm) for a proper seal.

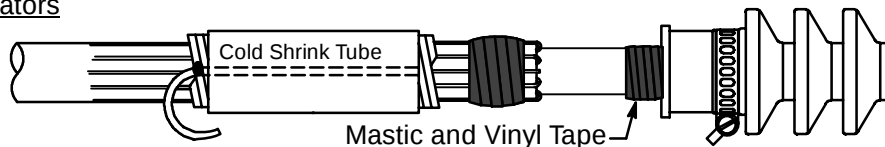
200 Amp Products



600 Amp Products

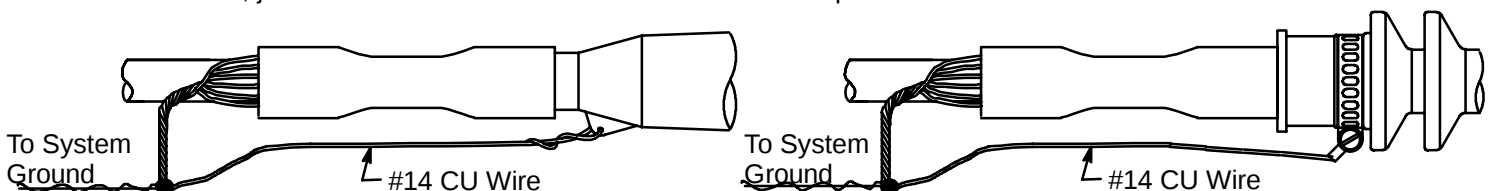


Terminators



STEP E

Connect the elbow, joint or terminator to the concentric neutral wires per manufacturer's instructions.



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