

TYPE ATDG & ATSG STEEL STRAND DEADENDS AND SPLICES COMMON GRADE, SIEMENS-MARTIN HIGH STRENGTH UTILITY GRADE EHS*, GALVANIZED & ALUMINIZED STEEL STRAND

These instructions are written for personnel familiar with the installation, operation and safety practices of this type of equipment. Instructions are written as a general guide and are not intended to be a substitute for adequate training and experience.

DANGER

 **WARNING** 
**ALL APPARATUS MUST BE DE-ENERGIZED DURING
INSTALLATION OR REMOVAL OF PART(S).**

- 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.
- Inspect parts for damage, rating and compatibility with mating parts.
- Failure to follow these instructions could result in damage to the product and serious or fatal injury.

FOR MORE INFORMATION ON PARTS, INSTALLATION RATINGS AND COMPATIBILITY, CALL THE NEAREST T&B UTILITY DISTRIBUTOR OR AGENT.

IMPORTANT

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

Guy strand preparation & good practices

As most instances of application difficulties and or malfunctions with any steel strand automatics occur during initial installation, we suggest the following practices to assure easy and trouble free installation and overall product performance.

1. Strand end should always be straight - curved ends will either be difficult to install or cause jaw malfunction. It is easier to straighten the strand segment to be inserted in the connector before it is cut rather than after.
2. Deformed/out of lay strands will be difficult or impossible to install. In the event that deformed/out of lay strands are inserted, they will likely cause the jaws to malfunction. Trim deformed/out of lay strand ends enough to provide for a straight and square strand end.
3. Taping strand before cutting is recommended if other than sharp cable cutters are used. Remove tape after cutting strand. Sawing strand without taping will cause strands to deform.

Deadend installation

After stand preparation per instructions, install the deadend as follows:

1. Remove any tape left on the strand end.
2. Place strand end into the pilot cup (strand guide) at the tip of the cartridge.
3. With a smooth straight thrust, push the strand into the cartridge until the strand appears at the opposite end of the cartridge. Cut any excess strand as needed (Typical installations allow about 2 inches of strand protruding beyond the cartridge).
4. Pull on strand by hand to set the jaws. Make sure strand holds firmly inside the cartridge and apply tension as required to complete the installation.

Splice installation

Having followed the Guy strand preparation & good practices on page 1 of 2, you are now ready to install the Automatic splice.

1. Using the splice as a gauge, tape or mark the strand for full insertion (half splice length). This will help you determine if the strand has been fully inserted later during the insertion process, step (4).
2. Remove any tape left on the strand end.
3. Place strand end into pilot cup (strand guide) at the tip of the cartridge.
4. With a smooth straight thrust, push the strand into the cartridge until it bottoms out. Then pull on strand by hand to set the jaws. To verify full insertion, note the position of the tape/mark applied in step (1). If the mark is more than 1/2" away from the tip of the cartridge, the strand has not been properly installed.
5. Repeat steps (1) through (4) for the other side of the splice.
6. Make sure strand holds firmly inside the cartridge and apply tension as required to complete the installation.

*Note: Not all products are rated for EHS strand.

WARRANTY: Thomas & Betts sells this product with the understanding that the user will perform all necessary tests to determine the suitability of this product for the user's intended application. Thomas & Betts warrants that this product will be free from defects in materials and workmanship for a period of two (2) years following the date of purchase. Upon prompt notification of any warranted defect, Thomas & Betts will, at its option, repair or replace the defective product or refund the purchase price. Proof of purchase is required. Misuse or unauthorized modification of the product voids all warranties.

Limitations and Exclusions: THE ABOVE WARRANTY IS THE SOLE WARRANTY CONCERNING THIS PRODUCT, AND IS IN LIEU OF ALL OTHER WARRANTIES EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, WHICH ARE SPECIFICALLY DISCLAIMED. LIABILITY FOR BREACH OF THE ABOVE WARRANTY IS LIMITED TO COST OF REPAIR OR REPLACEMENT OF THE PRODUCT, AND UNDER NO CIRCUMSTANCES WILL THOMAS & BETTS BE LIABLE FOR ANY INDIRECT, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES.

Thomas & Betts Corporation
Memphis, Tennessee
www.tnb.com