



WARNING
Danger of Electric Shock! Installation of this product must be performed by trained installers in accordance with all applicable local, state and national electrical codes, installation standards and safety rules.

INSTALLATION INSTRUCTIONS

for Sweetheart "Flood-Seal"® Mechanical Connector
SHC 3 (S) and SHC 5 (S) Series



1 Cut rocket/cap ring at tip of arrow to leave the correct wire range showing.

Identify the cable size being used. For the feed cable, cut the SHC 3830 as shown below. For the service cable, cut the CS 4197 as shown.

SHC 3830
Use for the feed cable

CS 4197
Use for the service cable

2 Wipe cable clean. Apply silicone grease and slide cut rocket over cable. Strip insulation from the cable, baring approximately 2 1/4" of conductor. Penciling the edge of the insulation is recommended to ease installation but not required.

3 Wire brush the bare conductor thoroughly to break up surface oxides. Add oxide inhibitor and brush into strands.

4 Insert conductor into the outlet barrel, leaving a maximum of 1/8" of bare conductor showing.

5 Tighten the setscrews down on the conductor to the specified torque. The use of a torque wrench is recommended. If not available, use a 5/16" allen wrench or a 3/8" drive ratchet with an allen adapter. The use of a "T" handle wrench or 1/2" drive is not recommended.

WIRE SIZE	TORQUE
#12 to #2	120 in-lbs (10 ft-lbs)
1/0 to 350 Kcmil	360 in-lbs (30 ft-lbs)

6 Slide rocket sleeve over the outlet and on to the PVC shoulder until the rocket butts against the connector bar.

Thomas & Betts

Limited Warranty Applies. Refer to:
www.tnb.com/ecpwarranty for full warranty terms.

Thomas & Betts Corporation
Memphis, Tennessee
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