

5KV INSULATING BOOTS CATALOG NUMBERS 5KVBOOT-2L, 5KVBOOT-3L AND 5KVBOOT-4L



WARNING



DO NOT INSTALL ON LIVE CIRCUITS.
MOTOR DISCONNECT NOT TO BE USED FOR CONNECTING OR DISCONNECTING LIVE CIRCUITS.

IMPORTANT: Silicone grease must be used to prevent rubber deterioration.

KIT CONTAINS: BOOT, PIN, AND TWO TUBES OF SILICONE GREASE.

INSTALLATION INSTRUCTIONS



CAUTION

CHECK MOTOR ROTATION BY BUMPING MOTOR.
CORRECT ROTATION IF NECESSARY.

— INSTALLATION HINTS —

- A.** Always use the smallest lug size possible for the largest wire in the junction box. Line leads are usually larger than load leads.
- B.** Store the boots and bolts from the junction box in the re-closeable plastic bag provided. Use a Ty-Rap® cable tie or tape the bag to the conduit.
- C. IMPORTANT:** After inserting the double male pin between the two female connectors on the 5KV connections, make sure you install the boot that matches the size and voltage for your application.
- D. IMPORTANT:** properly seat connectors by fully inserting motor connectors to the bottom of the boot.

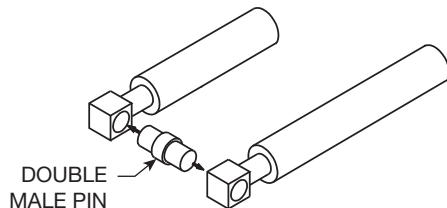


FIGURE 1

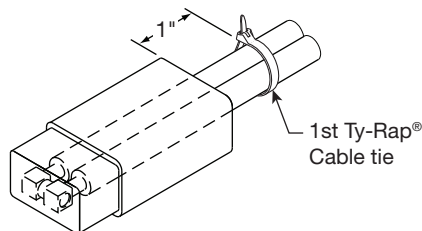


FIGURE 2

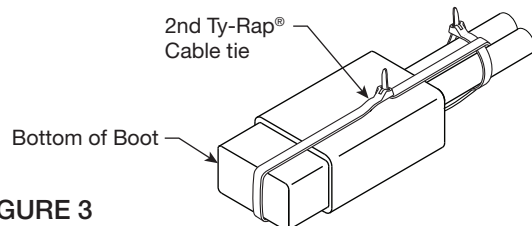


FIGURE 3

INSTALLATION

STEP 1 Select T&B connectors as needed for motor and line wire size. Install female disconnects per manufacturer's instruction sheet.

STEP 2 Insert double male pin between two female disconnects. (FIGURE 1)

STEP 3 Deposit **all** silicone grease into bottom of boot. (2 tubes enclosed)

STEP 4 It is very important that the connector is properly seated by fully inserting motor disconnects to the bottom of the boot. (FIGURE 2)

STEP 5 Wrap 1st Ty-Rap® cable tie around the cables about one inch above boot, do not tighten (FIGURE 2).

STEP 6 Place 2nd Ty-Rap® cable tie between the two cables on top of the 1st Ty-Rap® cable tie and bottom of boot (FIGURE 3).

STEP 7 Secure 1st Ty-Rap® cable tie tightly around cables and then secure 2nd cable tie, do not over tighten (FIGURE 3).

BOOT CAT. NO.	CABLE SIZE	FEMALE DISCONNECT CAT. NO.	BODY SIZE
5KVBOOT-2L	#8	MD8F-2	2
5KVBOOT-2L	#6	MD6F-2	2
5KVBOOT-2L	#4	MD4F-2	2
5KVBOOT-2L	#2	MD2F-2	2
5KVBOOT-2L	#1	MD1F-2	2
5KVBOOT-3L	#2	MD2F-3	3
5KVBOOT-3L	#1	MD1F-3	3
5KVBOOT-3L	1/0	MD10F-3	3
5KVBOOT-3L	2/0	MD20F-3	3
5KVBOOT-3L	3/0	MD30F-3	3
5KVBOOT-3L	4/0	MD40F-3	3
5KVBOOT-4L	4/0	MD40F-4	4
5KVBOOT-4L	250	MD250F-4	4
5KVBOOT-4L	350	MD350F-4	4
5KVBOOT-4L	500	MD500F-4	4

Additional silicone grease can be ordered under catalog number 2015.

For test procedure and a written test report, contact Thomas & Betts technical service.

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

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