

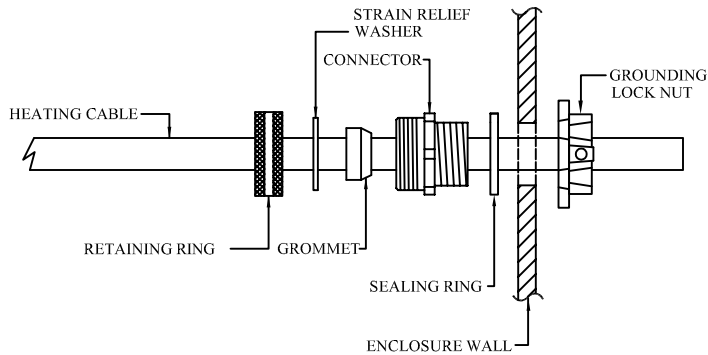
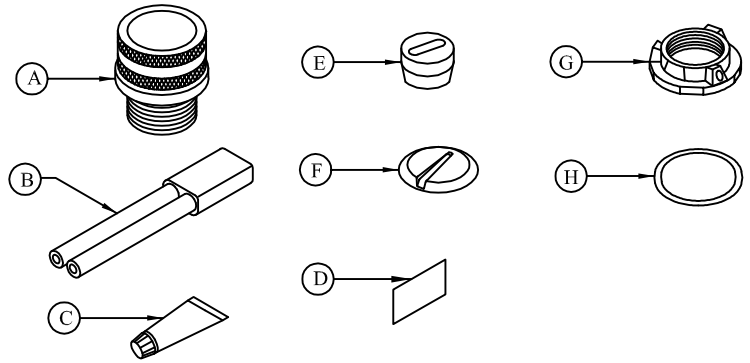


KIT STYLE: 18-SXG-KIT INSTALLATION INSTRUCTIONS

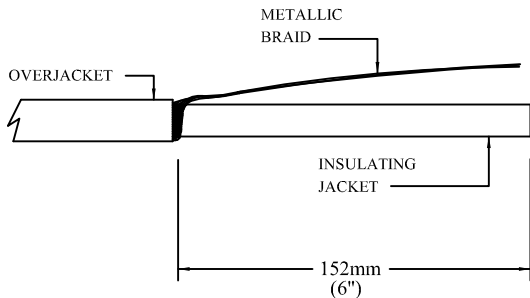
Power Connection Kit for Ordinary (non-hazardous) Locations. For use with Thermon BSX/TTS/FLX/RGS Heating Cable Only.

KIT COMPONENTS

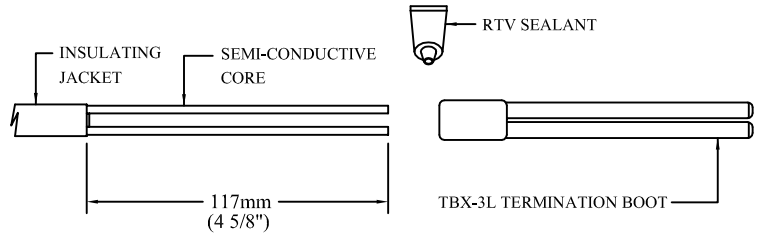
ITEM	QTY.	MODEL	DESCRIPTION
A	1	18-SXG	STRAIN RELIEF CONNECTOR
B	1	TBX-3L	TERMINATION BOOT
C	1	RTV-2	SILICONE SEALANT
D	1	CL	CAUTION LABEL
E	1		GROMMET
F	1		STRAIN RELIEF WASHER
G	1		GROUNDING LOCK NUT
H	1		SEALING RING



1. Route heating cable through retaining ring, washer, grommet and connector (see Illustration above).



2. Remove approximately 152mm (6") of overjacket, taking care not to cut metallic braid.
3. Twist metallic braid to form pigtail.



4. POWER TERMINATION:

- Remove 117mm (4 5/8") of insulating jacket and semi-conductive matrix between bus wires, making sure cable bus wires are not damaged or cut (see Illustration above). Note: Overjacket and braid have been previously removed in Step No. 2.
- Temporarily slip TBX-3L boot over end of heating cable. Adjust location of connector until boot is flush with grommet inside connector.
- Apply RTV sealant inside TBX-3L boot and on conductors. Push boot over bus wires so that boot overlaps cable insulating jacket. Expose 13mm (1/2") of each metallic bus wire beyond the end of boot, creating bare conductors for connection power.
- Connect metallic braid pigtail to ground lug in junction box. Continuity of metallic grounding braid must be maintained. Bond grounding lock nut to the circuit bonding conductor.
- Install completed power termination into a junction box approved for the location. Make power connection in approved manner and install junction box cover. Plug any un-used openings in junction box.
Note: Junction box and mounting bracket not included with kit.
- If junction box support is required, use Thermon support Cat No. SBK.

Note: Maximum permissible steady state current is 32A, 277Vac rated voltage and maximum continuous exposure of 85° C.

Warning

To minimize the risk of electrical shock, arcing and fire caused by product damage or improper usage, installation or maintenance, install with a ground-fault protection device.

The National Electrical Code and Canadian Electrical Code require ground-fault protection of equipment for each branch circuit supplying electrical heating equipment. Check local codes for ground fault protection requirements.

Other local or applicable codes may also apply. Read and comply with installation instructions in their entirety.



Attention

Pour minimiser le risque de choc électrique, un arc électrique et incendie provoqué par des dommages aux produits ou à une mauvaise utilisation, l'installation ou l'entretien, installer un dispositif de protection contre les défauts de fuite à la terre.

Le Code Électrique National et le Code Électrique Canadien exigent une protection contre les défauts de fuite à la terre de l'équipement pour chaque circuit de dérivation alimentant les appareils de chauffage électrique.

Vérifier les codes locaux pour les exigences de protection contre les défauts de fuite à la terre.

D'autres codes locaux ou codes applicables peuvent être également appliqués.

Lire et se conformer aux instructions d'installation dans leur intégralité.