

Installation Instructions

ET-8C End Termination Kit

Applications

The ET-8C Kit is used for end circuit termination of HTSX, KSX self-regulating, HPT power-limiting, and FP constant watt heating cables.

Kit Contents:

Item	Qty	Description
1	1	End Cap
2	2	Tape Strips
3	1	RTV Tube
4	1	Lug

①



②



③



④



Tools Required



Warnings

- Due to the risk of electrical shock, arcing and fire caused by product damage or improper usage, installation or maintenance, a ground-fault protection device is required.
- Installation must comply with Thermon requirements (including form PN 50207U for Ex systems) and be installed in accordance with the NEC, CEC, or any other applicable national and local codes.
- Component approvals and performance ratings are based on the use of Thermon specified parts only.
- Keep ends of heating cable and kit components dry before and during installation.

Certifications/Approvals



IP66 NEMA/Type 4X

Ordinary & Hazardous Locations

Listed Heat Tracing Cable System 137M

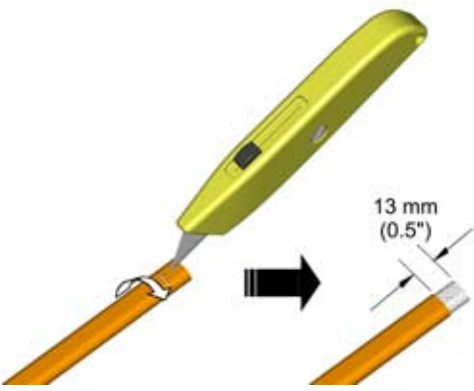


Certifications vary by cable type. See product specification sheets for additional information.

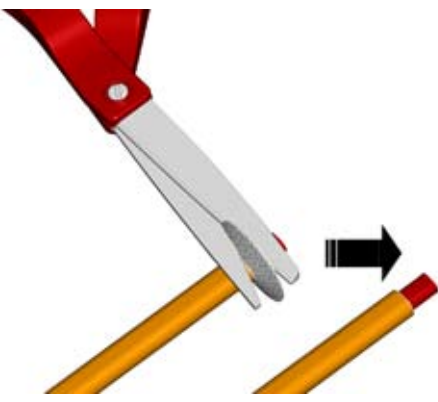
IECEX



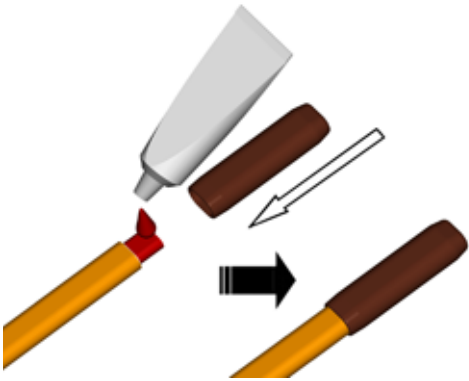
A1. Cut off end of cable.



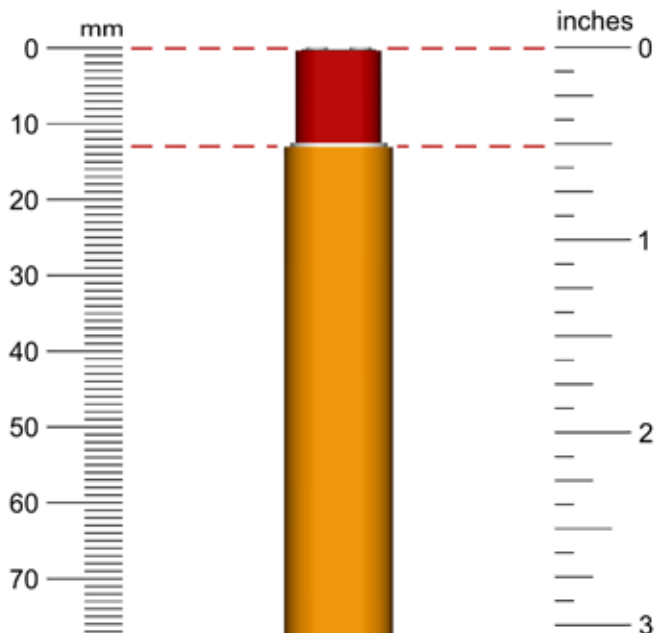
A2. Cut and remove overjacket.

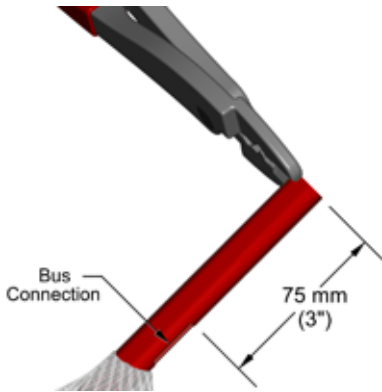


A3. Trim away exposed braid from cable.

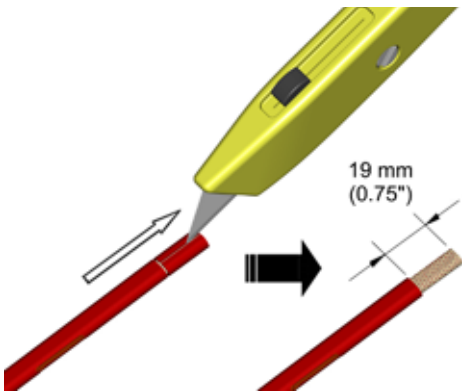


A4. Apply a liberal amount of RTV sealant to cable and slide end cap onto the end of the cable.

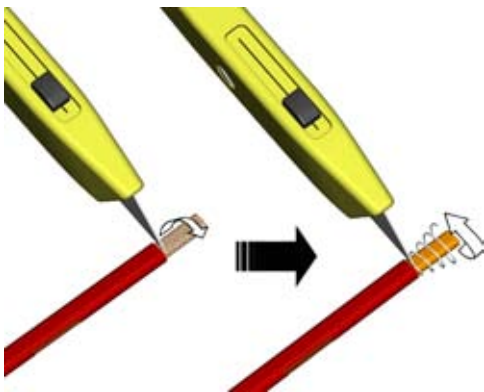




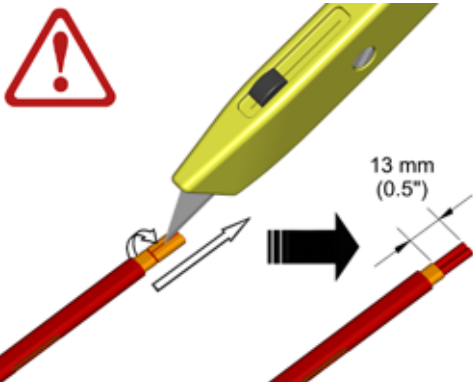
B1. Slide the metallic braid back from the end of the cable. Cut the cable 3" from the bus connection.



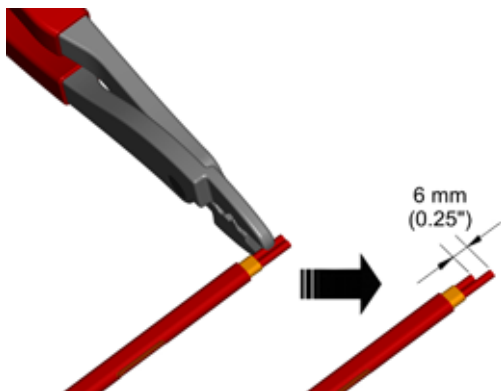
B2. Cut and remove primary insulation jacket.



B3. Cut and remove fiber glass braid, and then remove exposed heating element. Push any remaining heating element wire under the primary insulation jacket.



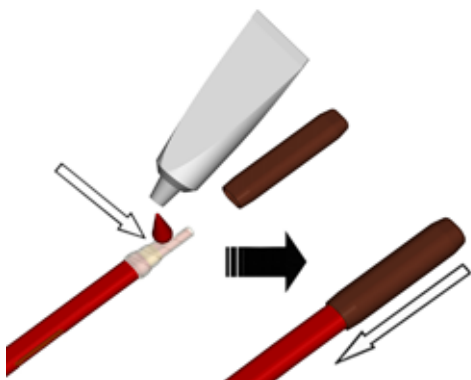
B4. Cut and remove pairing jacket. Do not cut bus wire insulation.



B5. Stagger cut one of the bus wires.



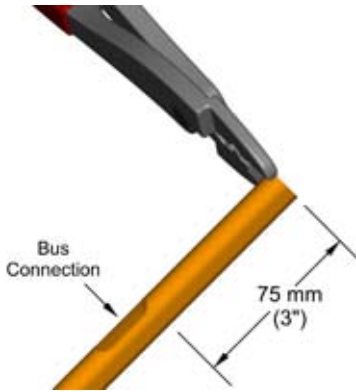
B6. Tape bus wires individually and then together. Continue taping to cover overjacket.



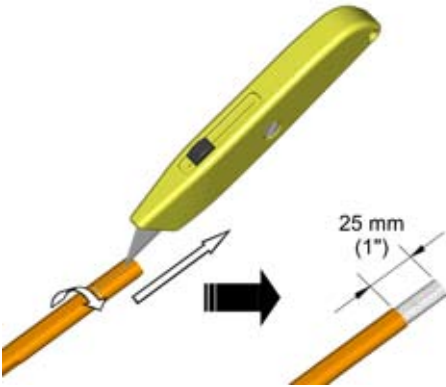
B7. Apply a liberal amount of RTV sealant to cable and slide end cap onto the end of the cable.



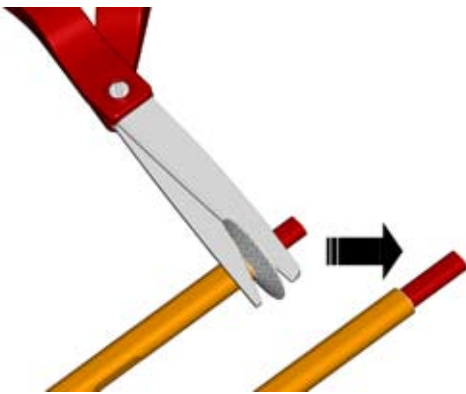
B8. Slide the metallic braid over the end cap. Twist the ends of the metallic braid together and crimp with the lug.



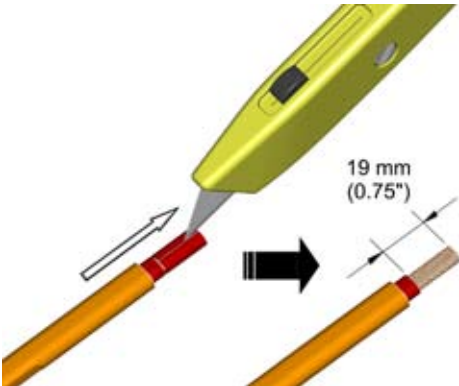
C1. Cut the cable 3" from the bus connection.



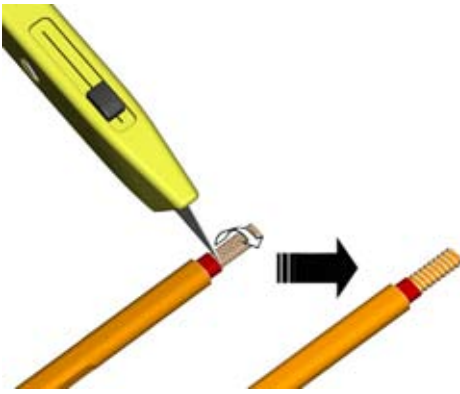
C2. Cut and remove overjacket.



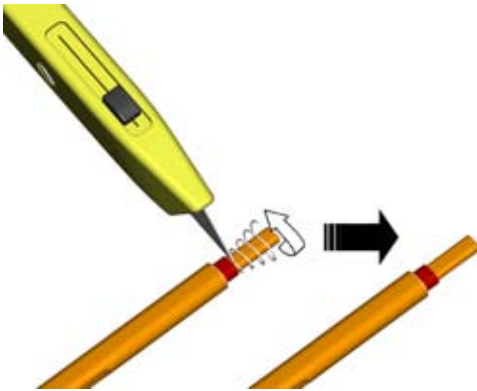
C3. Trim away exposed braid from cable.



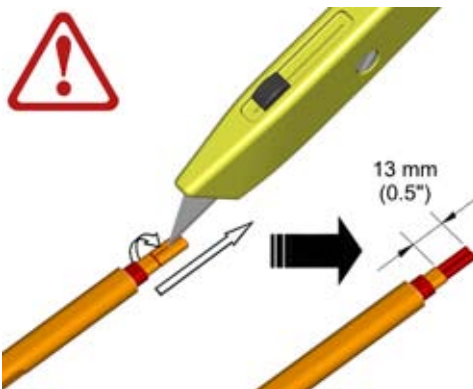
C4. Cut and remove primary insulation jacket.



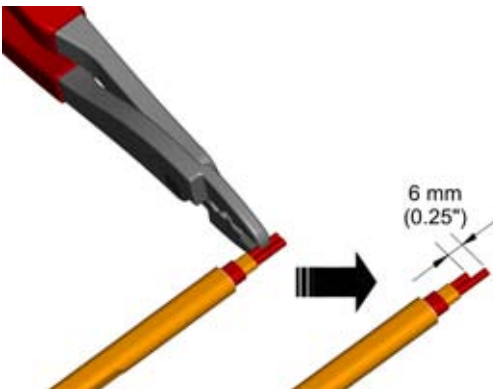
C5. Cut and remove fiberglass braid. Omit this step for FP cable.



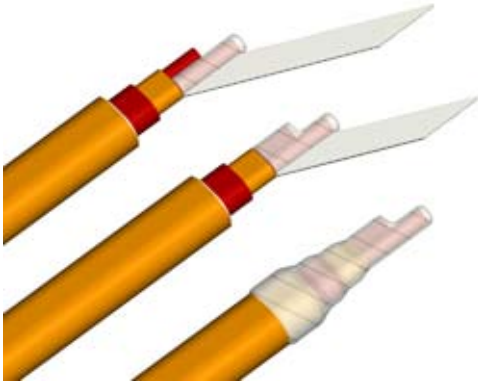
C6. Cut and remove heating element and fiberglass overlay (FP cable only). Push any remaining heating element wire under the primary insulation jacket.



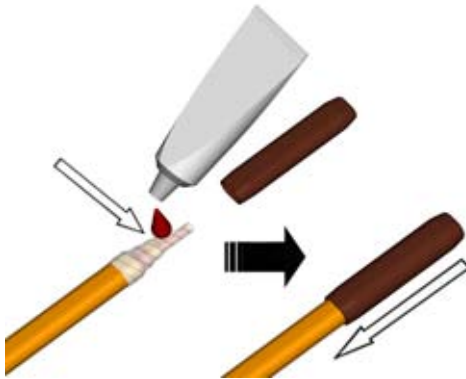
C7. Cut and remove pairing jacket. Do not cut bus wire insulation.



C8. Stagger cut one of the bus wires.

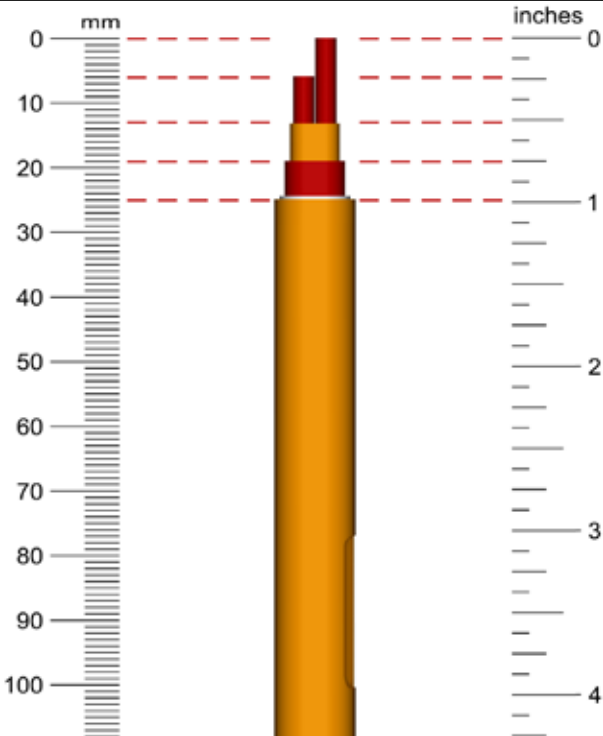


C9. Tape bus wires individually and then together. Continue taping to cover overjacket.



C10. Apply a liberal amount of RTV sealant to cable and slide end cap onto the end of the cable.

Cable Take-off for HPT-OJ, FP-OJ



Form No. 50072 -1106

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