



HSX Power-2

Power Connection for 2 Heater Cables and End Termination Kit

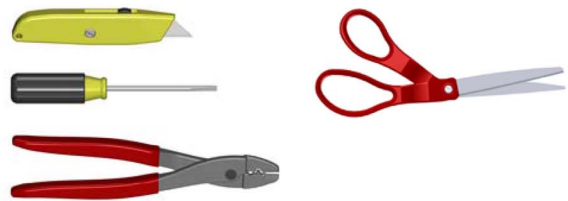


Item	Quantity	Description
1	2	HSX Cable Gland Grommet
2	1	Tee Box
3	1	Terminal Block
4	3	Power Cable Gland
5	1	RTV Adhesive
6	2	ET-6 End Cap
7	2	TBX-3S Power Connection Boot
8	2	Green/Yellow Heat Shrink
9	2	Caution Label

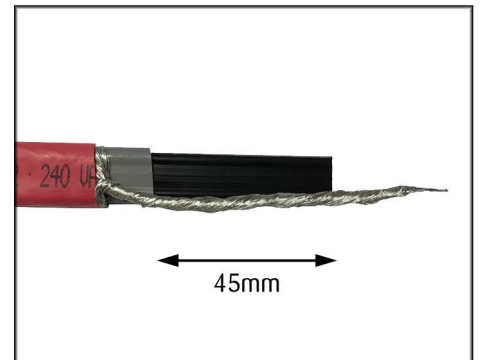
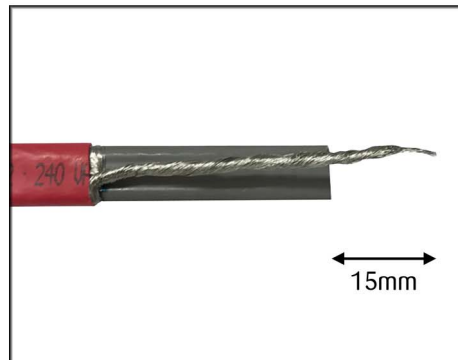
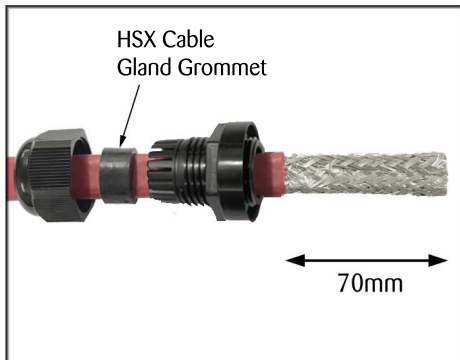
Installation Precautions . . .

- De-energize all power sources.
- Keep ends of heating cable and kit components dry before and during installation.
- The kit instructions should be used in conjunction with the installation instructions for the heating cable and other accessory items.

Tools Required . . .



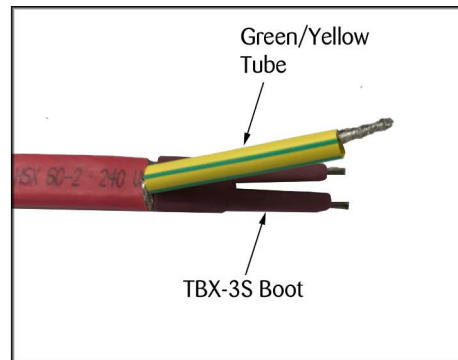
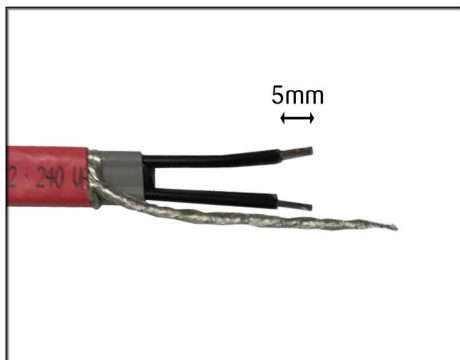
Splice Connection for HSX Cables



1. Unscrew Power Cable Gland and replace grommet with HSX Cable Gland Grommet. Slide the cable gland over the end of the cable. With your knife remove 70mm of the cable overjacket.

2. Separate the braid from the cable and twist to a point. Remove the foil from the primary jacket. With your cutters remove 15mm from end of the cable.

3. With your knife remove 45mm of the primary jacket. Be careful not to cut the bus wire.



4. With your scissors remove the centre of the black matrix between the 2 bus wires. With your wire strippers remove 5mm of the black matrix to expose the bus wires.

5. Place a small amount of RTV Sealant into the TBX-3S boot and slide over the two bus wires. Wipe away any excess sealant. Cut 50mm of the green/yellow tube and place over the cable braid.

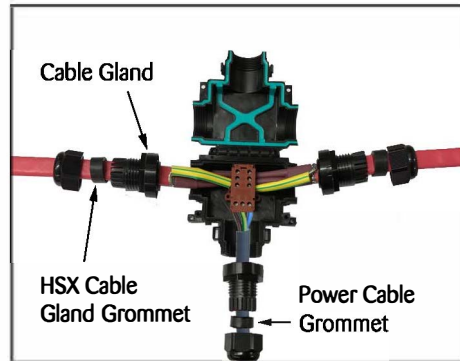
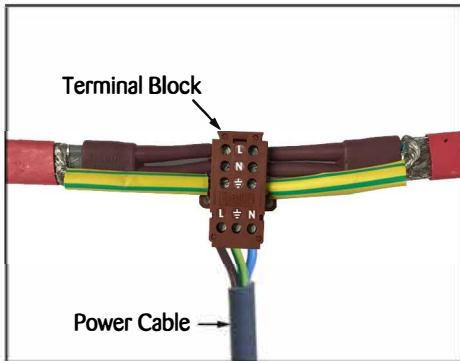
6. Using a small flat head screwdriver, screw the cable bus wires into the in the 'L' and 'N' terminal block. Screw cable braid into the Earth 'E' hole of the terminal block.



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For Tee Splice Connection for HSX Cables

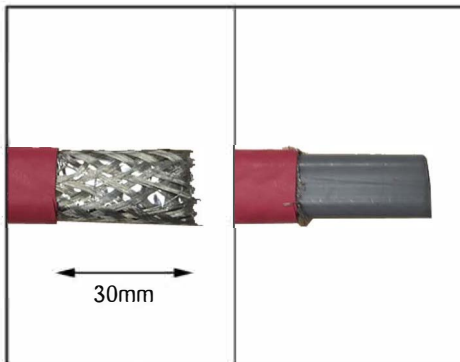


7. Using a small flat head screwdriver, screw the power cable wires into the in the 'L' and 'N' terminal block. Screw power cable Earth into the Earth '⊕' hole of the terminal block.

8. Secure the terminal block and cables inside the Tee cover.

9. Close the Tee Box and screw the cable glands into the cover. Insert the cable gland grommet into the gland. Now tighten the nut on the gland. Do this for the other two glands. Do not over tighten the glands. This completes the HSX Power-2 connection.

End Termination for HSX Cables



1. With your knife cut and remove 30mm of the heater cable overjacket. Trim away exposed metallic braid and aluminium foil with scissors.

2. Apply a generous amount of RTV sealant to the cable end and inside the ET-6 end cap.

3. Slide the ET-6 end cap over the end of the HSX heater cable. Wipe away any excess sealant.

Notes . . . Do not connect the heater cable bus wires together at the End Termination.
Do not use electrical tape, wire nuts or other means to terminate the end of the cable.
All Electric heat tracing requires an Earth Leakage Device fitted to Power as per AS/NZ3000:2007

Megger Testing . . . After the power connection kit and the end of circuit termination kit have been completed the circuit needs to be megger tested. Refer to WarmTrace HSX Cable Installation Procedures (CPD1014) for additional details.



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Specifications and information are subject to change without notice.
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