DE-ICERMAN

Power End Termination Kit

DPTK

User Manual

The power end termination must be terminated inside a UL/CUL Listed outlet box. Please refer to the DPPK accessory manual, steps 9 - 13.

TOOLS REQUIRED



KIT CONTENT



Heat shrink tubes
Ø3(3inch/75mm)
Qty6



Heat shrink
Ø12(2inch/50mm)
Qty3



Wire nuts
Qty 9

Component approvals and performance are specifically tied to the use of De-Icerman specified parts. Do not substitute any parts.

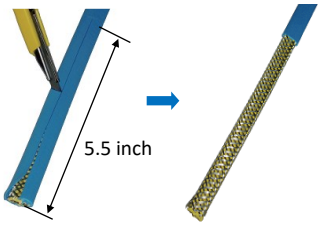
ATTENTION:

- **The maximum permissible steady state Current is 30A.**
- **The rated voltage is 240V.**
- **The maximum continuous exposure temperature is 85°C.**
- **Temperature at the point of connection to branch circuit conductors may exceed 60 °C.**

Warning: All heating cables shall have metal screen for working with branch circuit ground-fault protection to minimize the danger of fire if the heating cable is damaged or improperly installed.

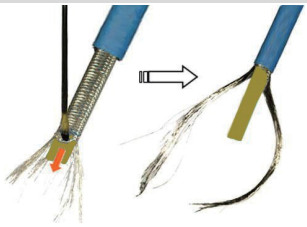
STEP 1

For heating cable without outer jacket, skip Step 1, and proceed to step 2.



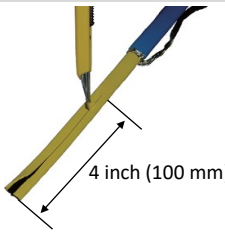
- Slightly cut the outer jacket of the cable 5.5inch(140mm) from the top of cable.
- Remove the outer jacket from heating cable.

STEP 2



- Unbraid the braid with a screw driver or any tapered tool from the top of cable. Do not break the braiding wires.
- Disperse the braiding wires to two strands. Align and twist the two strands of braiding wires.

STEP 3



- Straighten and twist the two strands into one.
- Slightly cut the inner insulation of the cable 4inch(100mm) from the top of cable.
- Remove inner insulation from heating cable.

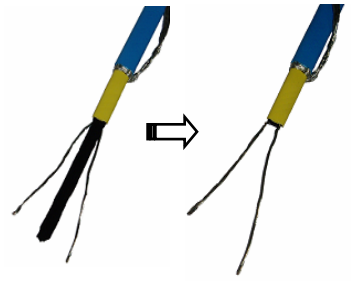
STEP 4



Warning: Do not damage the bus wires

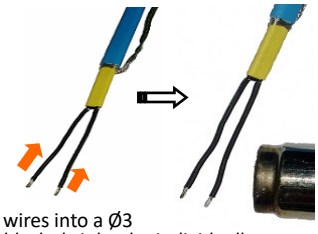
- Shave the core material(Black) from the outside of each bus wire.

STEP 5



- Peel back bus wires from the core material, and remove the remaining core material.

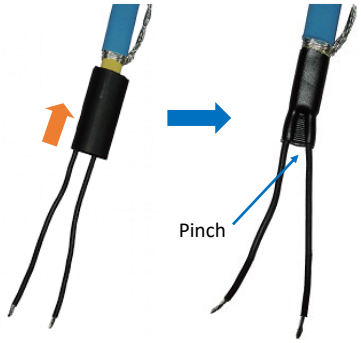
STEP 6



- Insert two bus wires into a Ø3 (3inch/75mm) black shrink tube individually.
- Heat the shrinkable tubes with heat source by moving continuously from side to side.

Warning: Do not overheat the shrink tube

STEP 7



- Slide Ø12(2inch/50mm) shrinkable tube onto the place as shown.
- Heat the shrinkable tube with heat source until the glue comes out from both ends.
- Pinch the tube between two wires and hold for at least 10 seconds with pliers.

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