



## Warmup Multiple-Entry Power Connection With Junction Box Instruction Manual

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# Warmup®

Multiple-Entry Power Connection With Junction Box  
Instruction Manual



The world's best-selling floor heating brand"

## MULTIPLE-ENTRY POWER CONNECTION WITH JUNCTION BOX INSTALLATION INSTRUCTIONS

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## DESCRIPTION

This durable corrosion resistant enclosure is used in pipe freeze protection applications to create a safe enclosure for electrical connection between the power supply and max. 3 heating cable(s). It is approved by CSA for use in hazardous and non-hazardous areas.

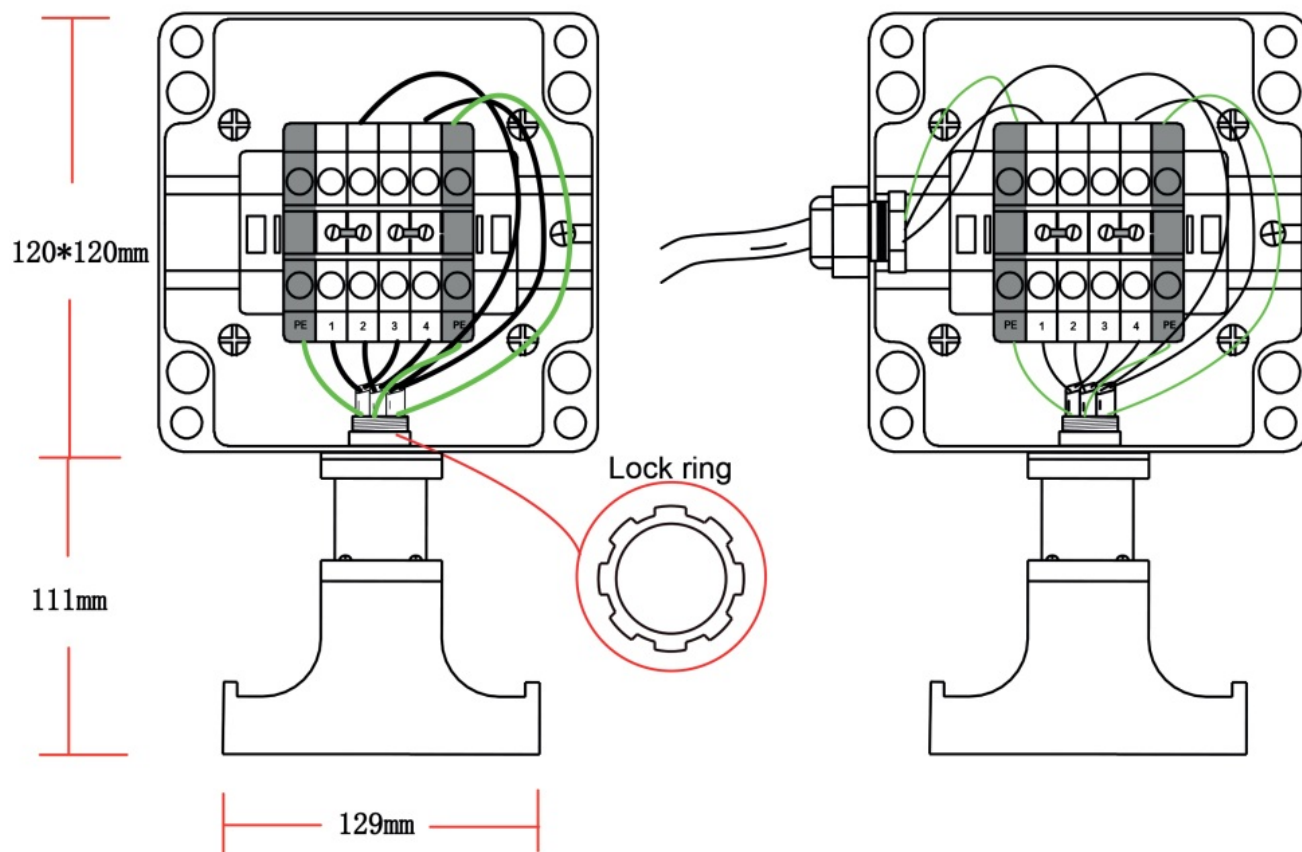
The PTBS-GET provides a silicone-free installation providing a waterproof enclosure for cable connections. The stand provides guided entry into the enclosure for the heating cable and positions the junction box clear of any pipe insulation.

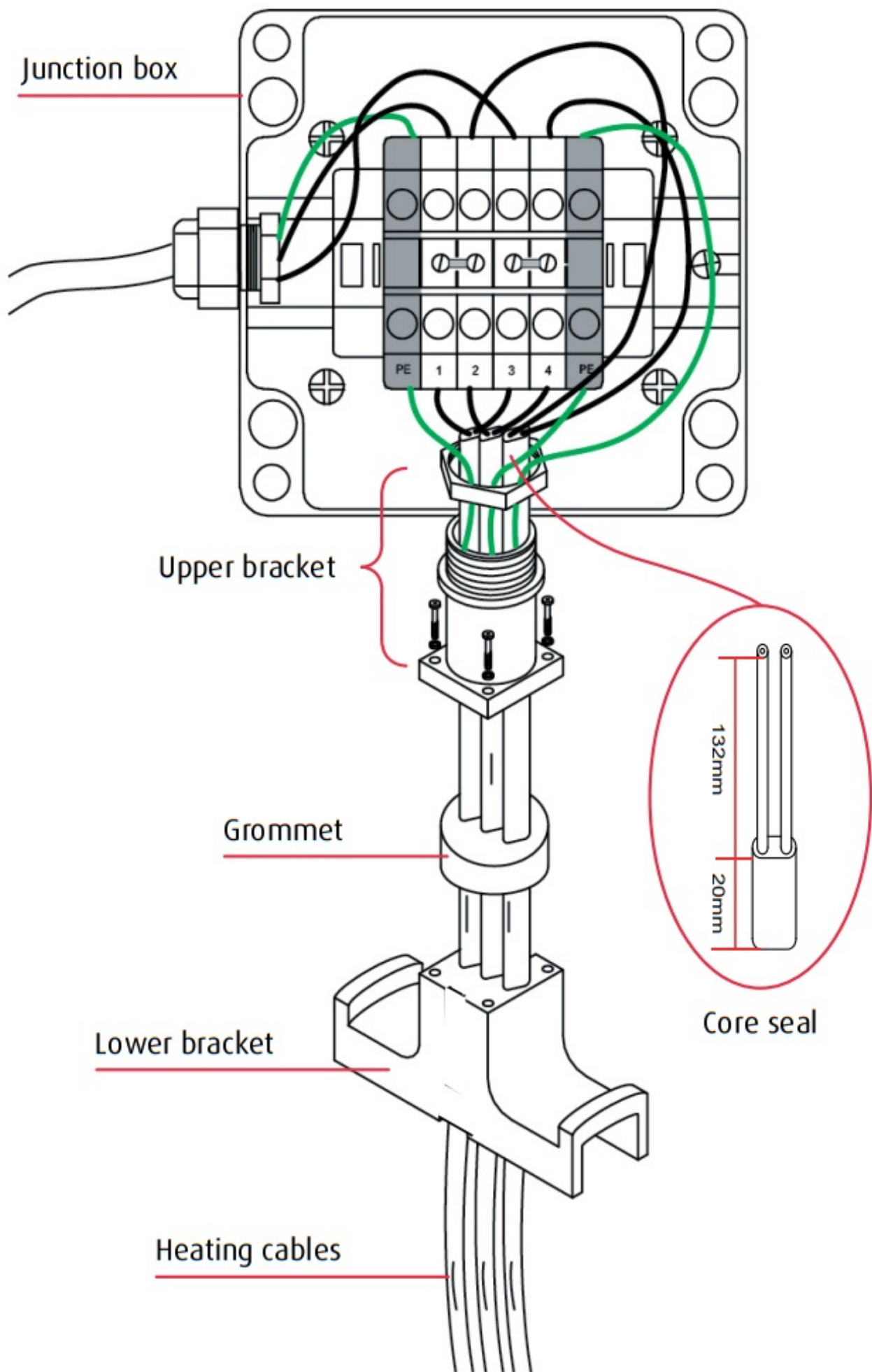
The spring clamp terminals provide safe, reliable, maintenance-free operation. PTBS-GET contains all the necessary materials for a complete certified installation.

## SPECIFICATION

PRODUCT CODE	SR-SFIT-BOX-S (PTBS-GET)
OPERATING TEMPERATURES	-40°F to +212°F / -40°C to +50°C
IP RATING	IP67
MATERIAL	Glass reinforced Polyester, Fire Retardant
USAGE	Class1.Div2,Group A,B,C,D Class2.Div2,Group E,F,G Class3.Div2

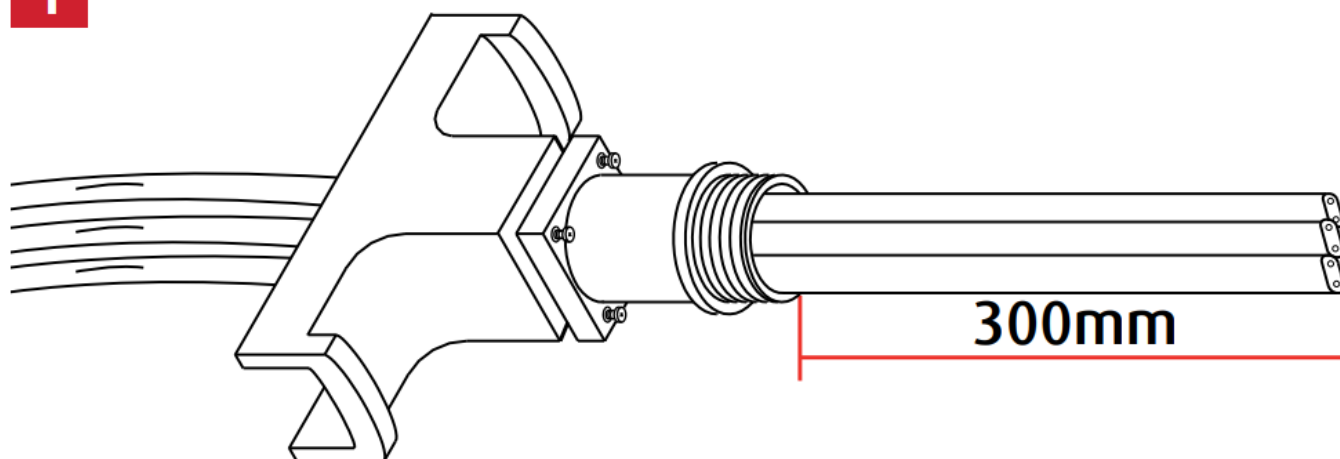
## DIMENSIONS





## INSTALLATION

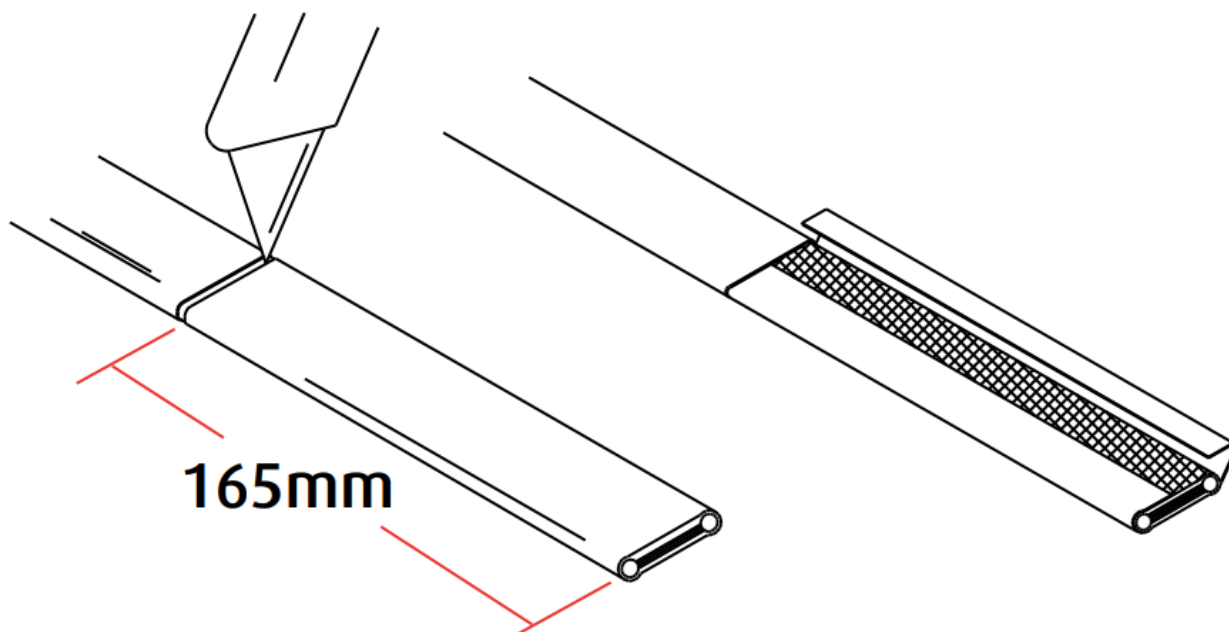
1



Push the heating cable(s) through the lower bracket, leaving 300mm of heating cable exposed.

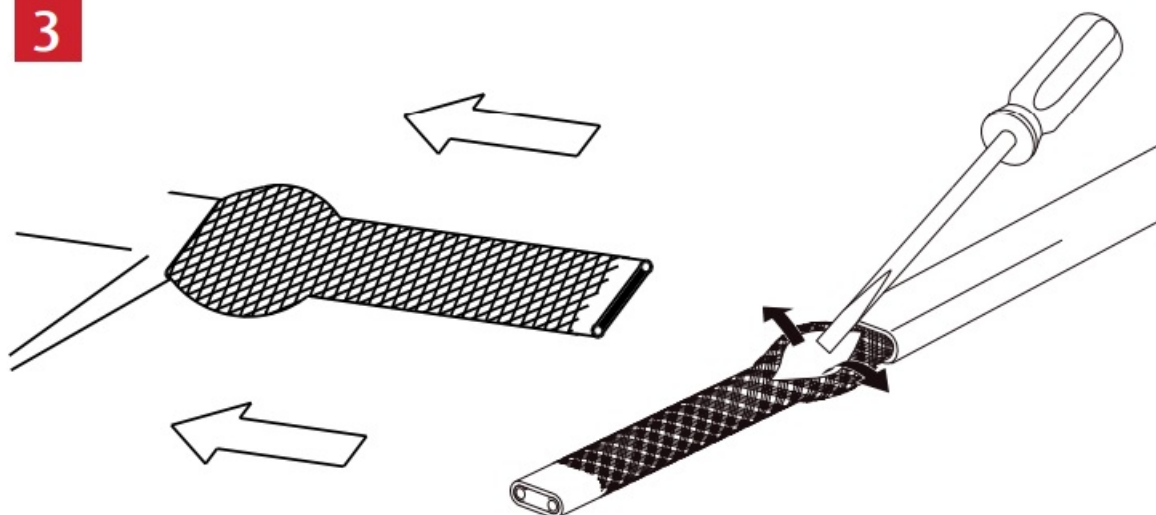
**NOTE:** Max. 3 heating cables.

2



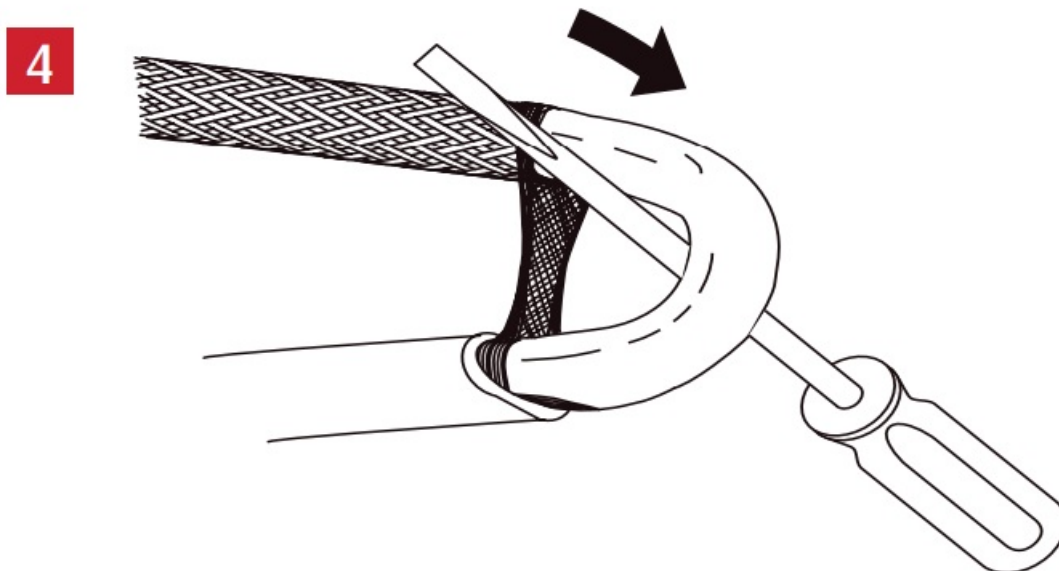
Measure 165mm in from the end of the cable and carefully cut the outer sheath. Bend the cable to break sheath. Next, gently slice the outer sheath up the centre between the first cut mark and the end of cable. Bend the cable to break sheath and remove the sheath from the heating cable.

3

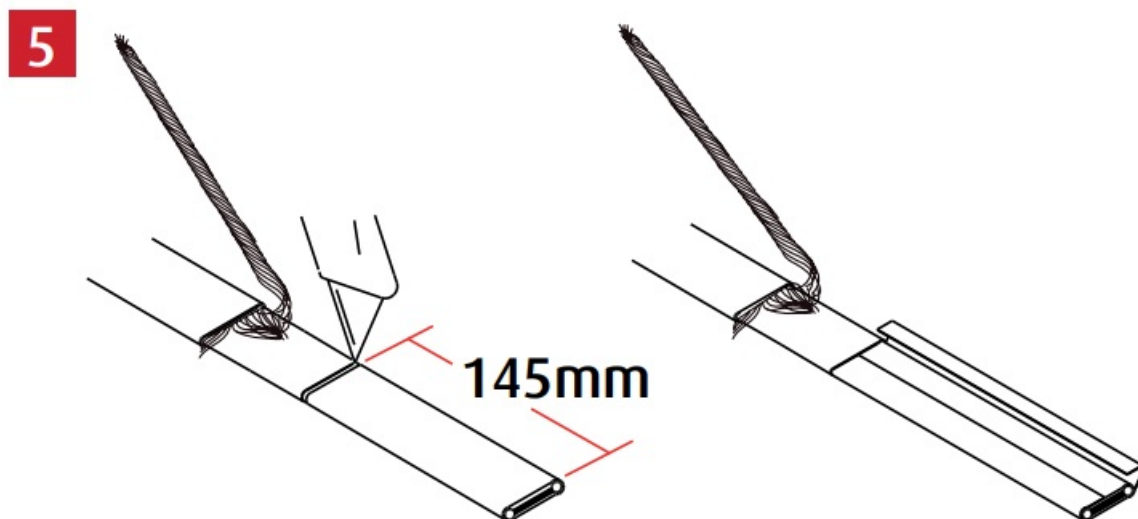


Move the braid back toward the outer sheath. At the base of the braid where it meets the outer sheath, gently

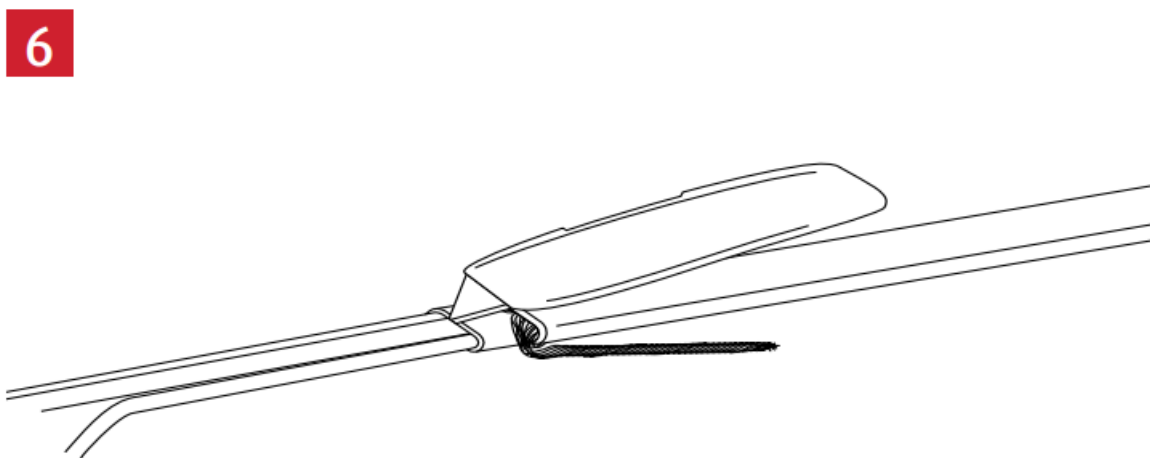
separate the braid to make an opening.



While bending the heating cable, work the heating cable through the braid opening and then pull the braid tight and twist.

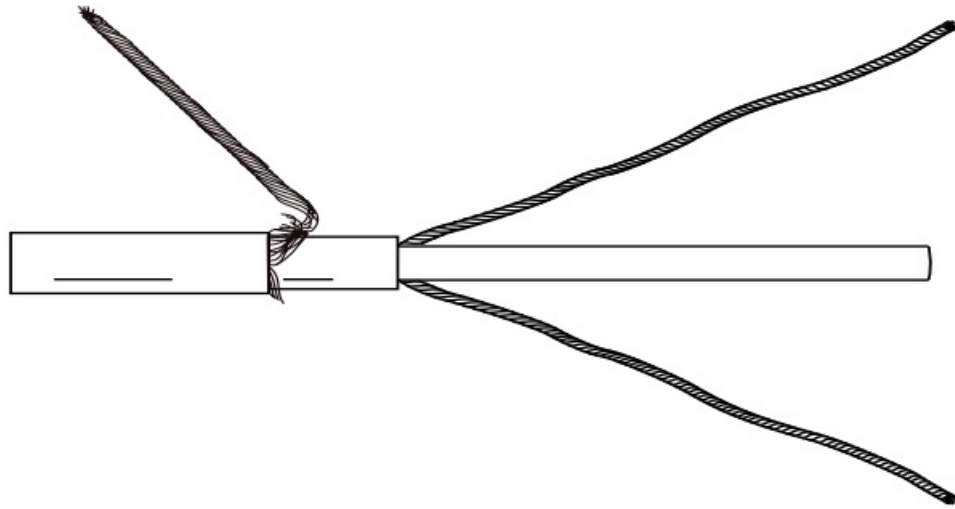


Separate the bus wires from the self-regulating matrix material with a utility knife.



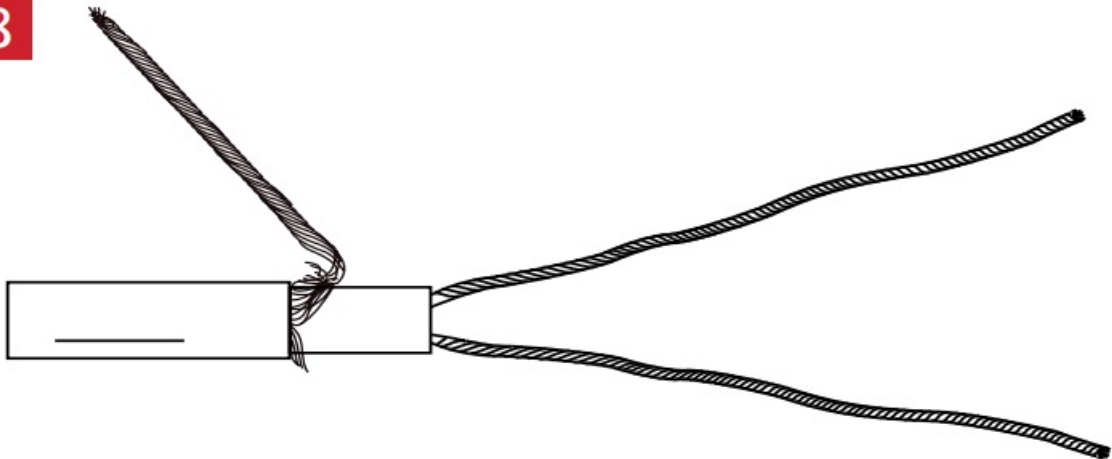
Peel back the exposed bus wires. DO NOT CUT THE BUS WIRES.

7



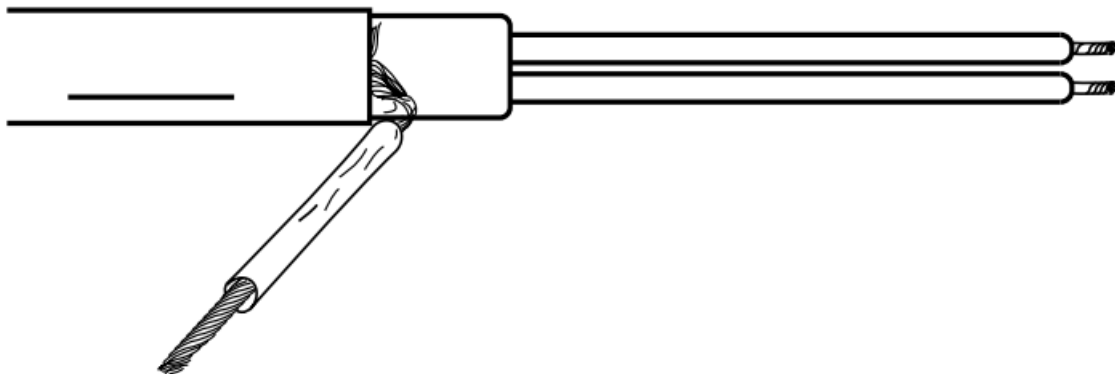
Cut the exposed self-regulating matrix back to the heating cable insulation. DO NOT CUT THE BUS WIRES.

8



Cut the exposed self-regulating matrix back to the heating cable insulation. DO NOT CUT THE BUS WIRES.

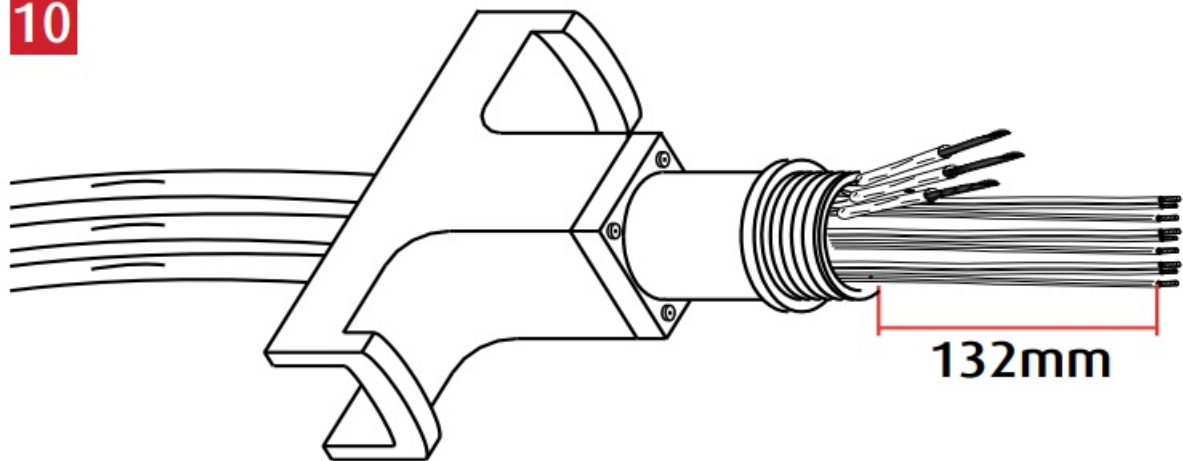
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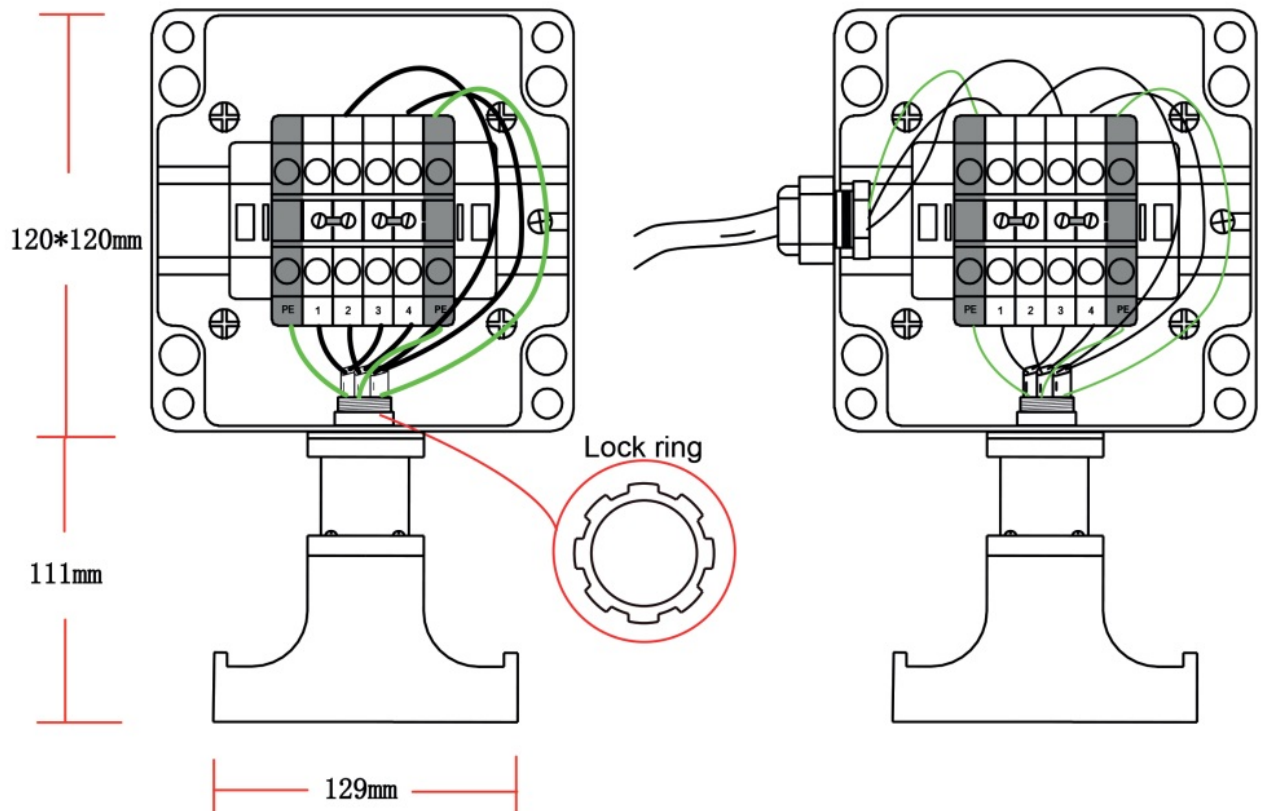
Insert the bus wires through heat shrink tubes.  
Insert the braiding through the ground tube.

**NOTE:** If there is a second or third cable, repeat step 2 to step 9.



**10**

Insert the prepared cables into the lower bracket ensuring they extend 132mm beyond the bracket, and then tighten the 4 screws.

**11**

Insert the cables through the base of the junction box. Secure the lower bracket to the junction box using the lock ring.

Connect the bus wires (black) and ground wires (green) to the terminals as shown.

Connect the power supply wires (black) and ground wires (green) to the terminals as shown.

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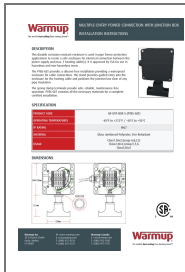
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## Documents / Resources



[Warmup Multiple-Entry Power Connection With Junction Box](#) [pdf] Instruction Manual  
Multiple-Entry Power Connection With Junction Box, Entry Power Connection With Junction Bo  
x, Connection With Junction Box, Junction Box, Box

## References

- [W WARMUP Inc — Radiant Floor Heating Company | Official US Website](#)

[Manuals+](#)