Heating cables PCBT

version PCBT/TPR

Version PCBT/TPR - RG

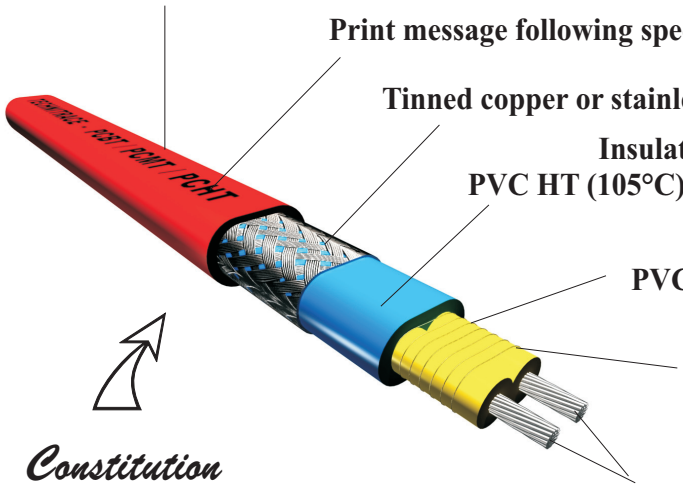
Version PCBT/TPR - S

Version PCBT/TPR - CG

The constant wattage heating cable type PCBT can be cut at length on the job site and are currently used for the following heat tracing applications

Applications

Freeze protection of water, domestics fuel oil pipes, ...
Freeze protection of snow for gutters and roofs
Snow elimination on access ramps and staircases
Low temperature maintenance for pipes and tanks

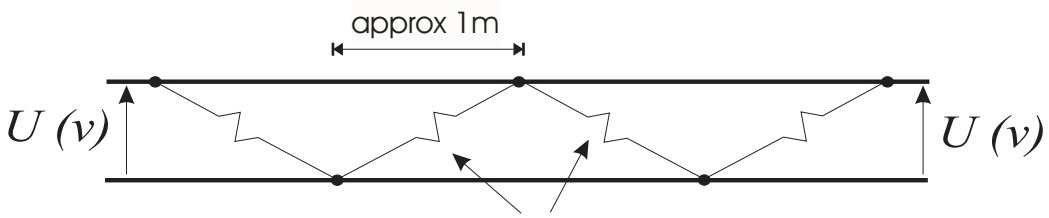


Constitution

Advantages

No thermal ageing of heating element (alloy)
No inrush current under start up conditions
Built in cold leads
Can be cut at length on the job site
Derivations and tee connections can be made from one single power supply (energy is available on the whole length of the cable)
Very good flexibility
Supply voltage : 230 V or 400 V
Other voltages upon request : 12 V to 1500 V

Working principle



Heating zones with a fixed length (approx 1m)

Main characteristics

Circuit maximum length : 110 m or 1500 W
Maximum temperature exposure function of the power used
De-energized : PVCHT insulation /105°C / TPE insulation /125°C
Electrical protection (fuses) : W/m * 1.25
Differential protection : 30mA

Product reference

PCBT/TPR 13.2 + C + G TPR

- TPR over jacket
- Tinned copper or stainless stell braid
- Voltage : 2= 230V - 3=400V
- Power: 13 W/m
- TPR insulation