

CSC - CSC/T - CSC/I - CSC/TS Silicon elastomer insulated drain-line heaters



Characteristics

- Fully sealed.
- Extremely flexible.
- Any voltage on request.
- Power cable: standard length: 1m.
- CSC : silicon elastomer insulated drain-line heaters.
- CSC/T : with tinned copper braid for earthing and mechanical protection.
- CSC/I : with stainless steel braid for earthing and mechanical protection.
- CSC/TS : with tinned copper braid and silicon elastomer insulated
- Special production on request.

Applications

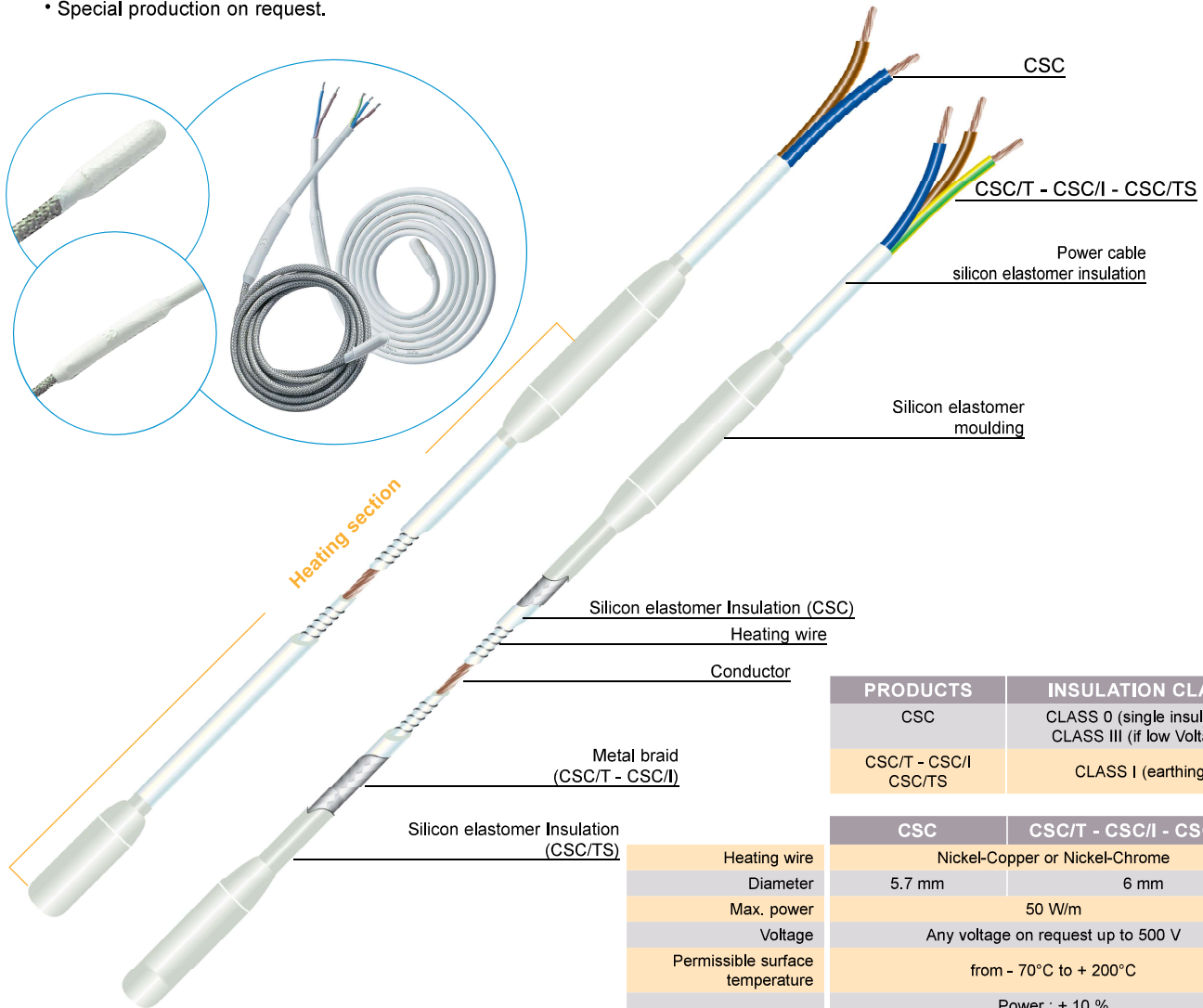
CSC, CSC/T, CSC/I and CSC/TS heaters are designed to be laid inside pipes for draining water from thawing refrigeration equipment installed in cold rooms. They operate only during thawing cycles.

To ensure that these heating elements enjoy a long service life, we recommend using a control device.



Standards

CEI 62395-1
CEI 62395-2



PRODUCTS	INSULATION CLASS
CSC	CLASS 0 (single insulated) CLASS III (if low Voltage)
CSC/T - CSC/I CSC/TS	CLASS I (earthing)

	CSC	CSC/T - CSC/I - CSC/TS
Heating wire	Nickel-Copper or Nickel-Chrome	
Diameter	5.7 mm	6 mm
Max. power	50 W/m	
Voltage	Any voltage on request up to 500 V	
Permissible surface temperature	from - 70°C to + 200°C	
Tolerances	Power : ± 10 % Diameter : + 0.2 / - 0.1 mm Length : ± 1 %	
End insulation	Sealed silicon moulding	
Ingress protection code	IP66	
Minimum bending radius	6 x the diameter	

Use

Drain-line heaters are serie resistors. Consult the pages of the catalogue devoted to the corresponding general operating principles, general instructions for use and accessories.

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