

TEMPERATURE MAINTENANCE SYSTEMS

CS - CS/T - CS/TW - CS/I - CS/IW
Silicon elastomer insulated cables



Characteristics

- Connection insulated with a silicon moulding.
- Power cable: standard length: 1 m.
- CS : silicon elastomer insulated cables.
- CS/T : with tinned copper braid and earthing conductor.
- CS/TW : with tinned copper braid for mechanical protection, no earthing conductor.
- CS/I : with stainless steel braid and earthing conductor.
- CS/IW : with stainless steel braid for mechanical protection, no earthing conductor.
- Special production on request.

Applications

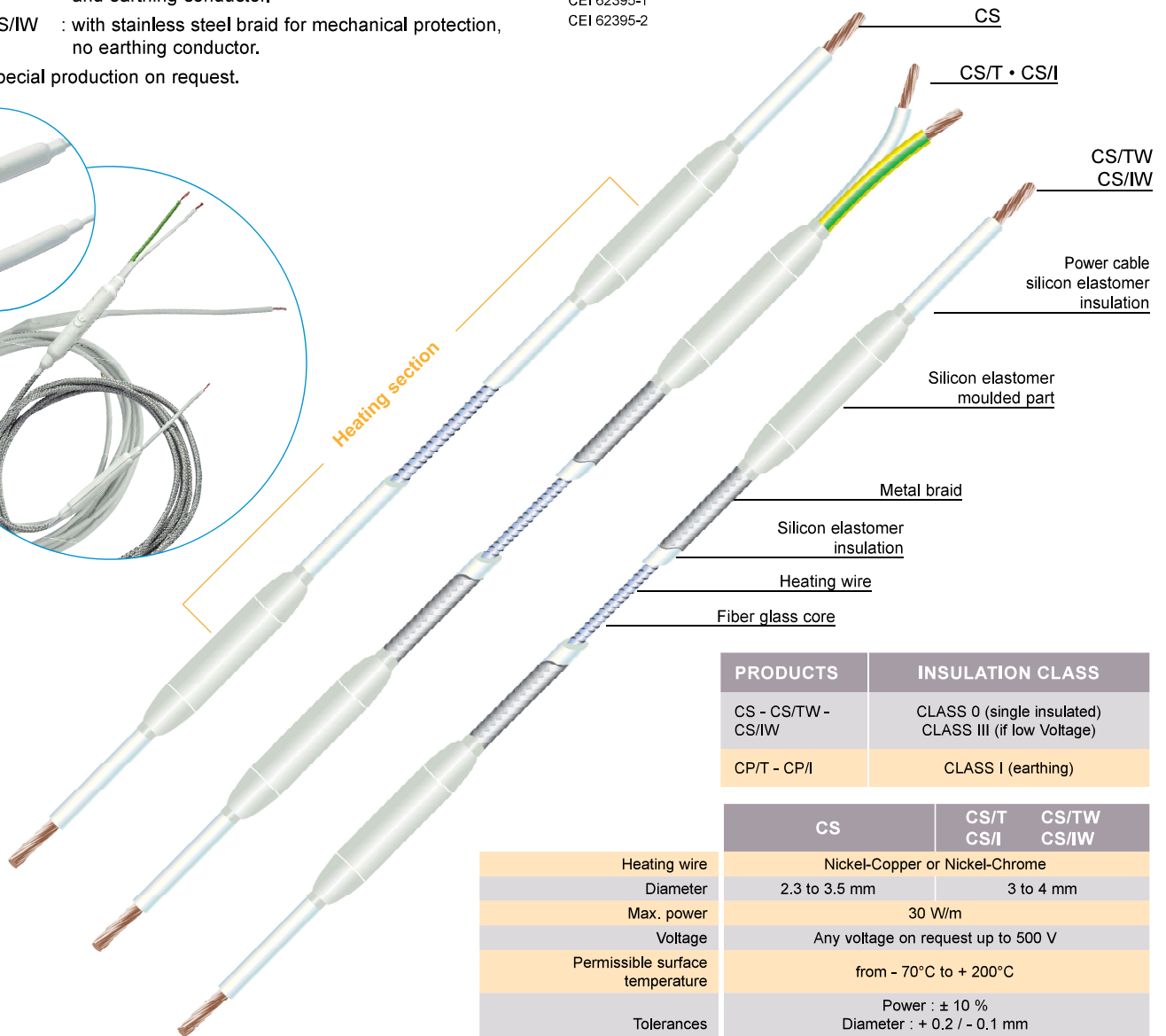
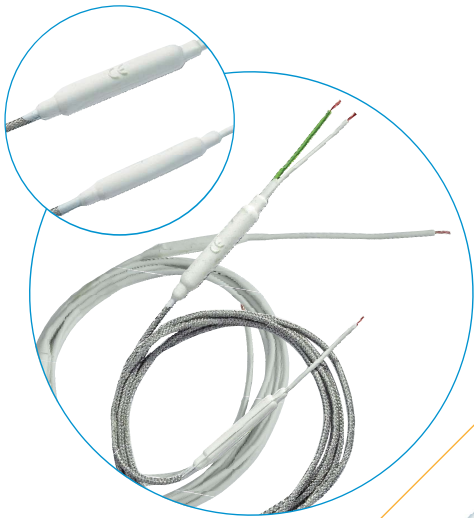
CS, CS/T, CS/TW, CS/I and CS/IW heating cables are mainly used in the household electrical and refrigeration industries and for equipment where protection against freezing or temperature maintenance is necessary.

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
CS - CS/TW - CS/IW	CLASS 0 (single insulated) CLASS III (if low Voltage)
CP/T - CP/I	CLASS I (earthing)

	CS	CS/T CS/I	CS/TW CS/IW
Heating wire	Nickel-Copper or Nickel-Chrome		
Diameter	2.3 to 3.5 mm	3 to 4 mm	
Max. power	30 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 %		
Connection insulation	Sealed silicon moulding		
Ingress protection code	IP 66		
Minimum bending radius	6 x the diameter		

Use

Heating cables are series resistors. Consult the pages of the catalogue devoted to the corresponding general operating principles, general instructions for use and accessories.

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