

TEMPERATURE MAINTENANCE SYSTEMS

CS2 - CS2/T - CS2/TW - CS2/I - CS2/IW
Silicon elastomer insulated cables



Characteristics

- Power cable: standard length: 1 m.
- CS2 : Silicon elastomer insulated cables
- CS2/T : with tinned copper braid and earthing conductor.
- CS2/I : with stainless steel braid and earthing conductor.
- CS2/TW : with tinned copper braid for mechanical protection, no earthing conductor.
- CS2/IW : with stainless steel braid for mechanical protection, no earthing conductor.
- Special production on request.

Applications

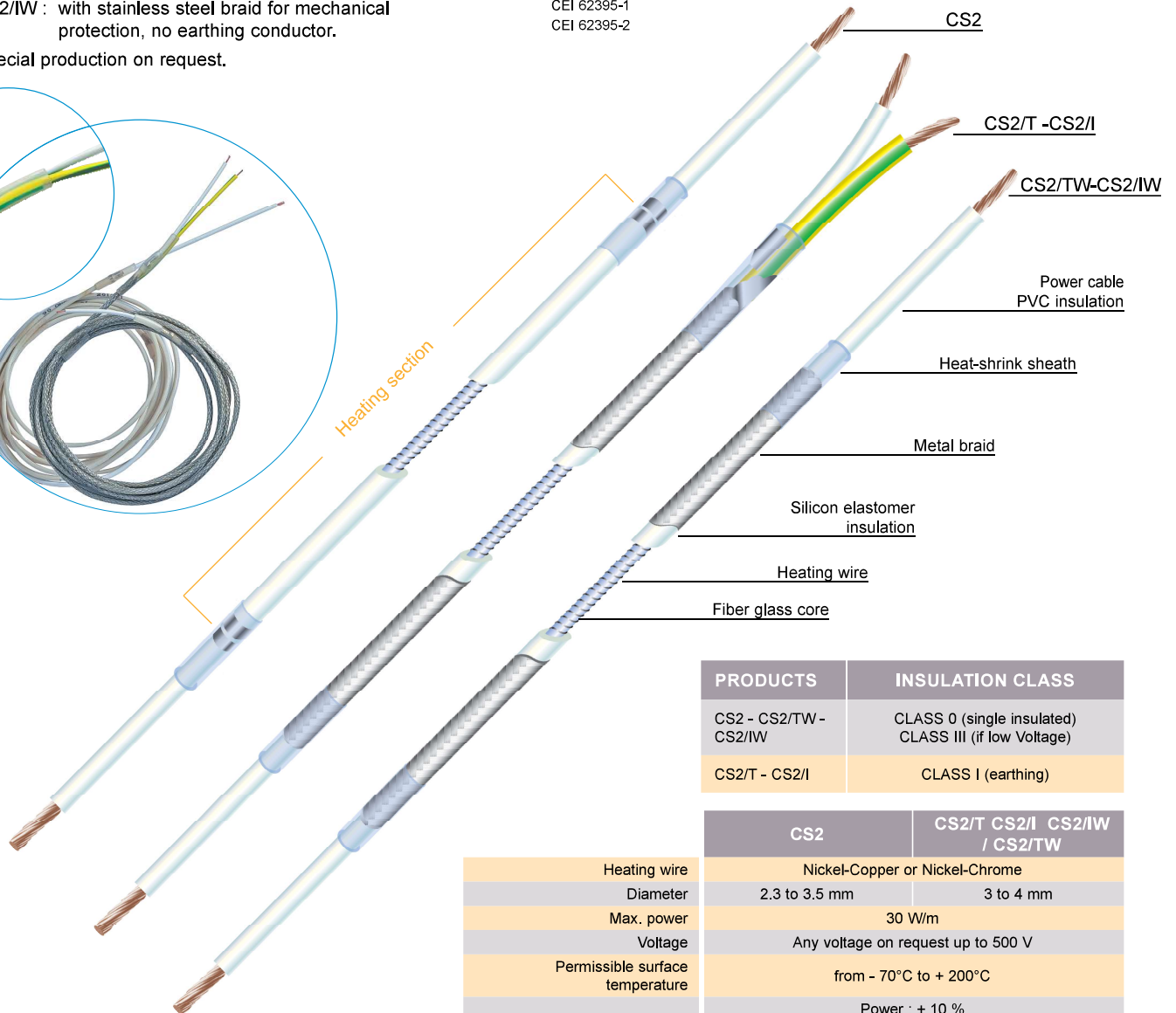
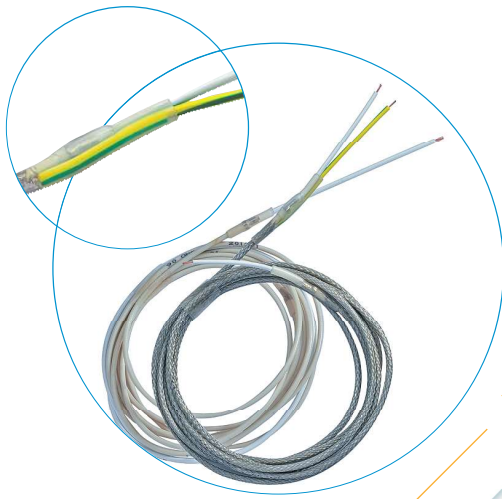
CS2, CS2/T, CS2/I, CS2/TW and CS2/IW heating cables are mainly used in the household electrical and refrigeration industries and for machines where protection against freezing or temperature maintenance is necessary.

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
CS2 - CS2/TW - CS2/IW	CLASS 0 (single insulated) CLASS III (if low Voltage)
CS2/T - CS2/I	CLASS I (earthing)

	CS2	CS2/T CS2/I CS2/IW / CS2/TW
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	Heat-shrink sheath with adhesive	
Ingress protection code	IP 54	
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.