

TEMPERATURE MAINTENANCE SYSTEMS

CS1

Terminated silicon elastomer insulated cables



Characteristics

The main characteristic of this type of cable is that there is no extra thickness at the cold junction, identified with a black mark.

- cables on request.
- Special production on request.

Applications

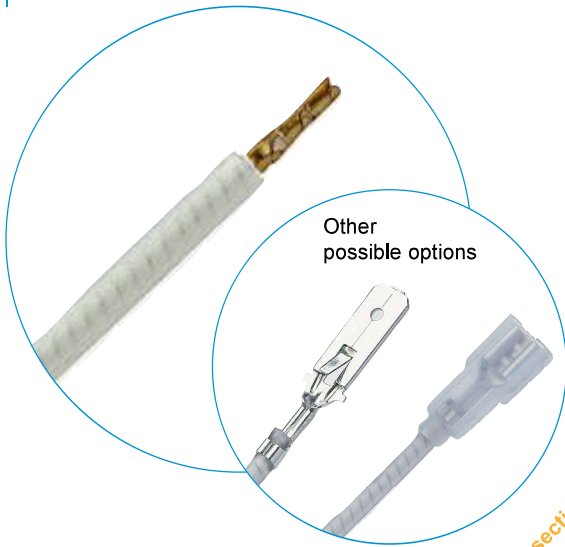
CS1 heating cables are mainly incorporated in household electrical or refrigeration equipment and special, mass-produced machines requiring protection against freezing or temperature maintenance.

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

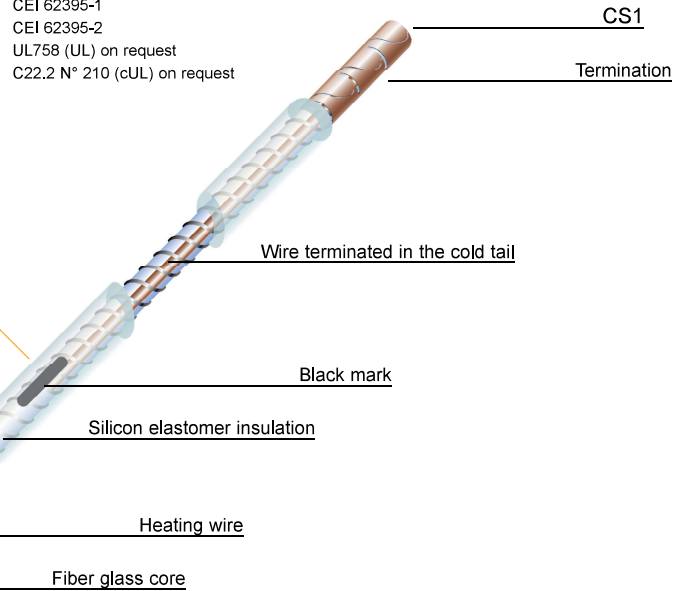


Standards

- CEI 62395-1
- CEI 62395-2
- UL758 (UL) on request
- C22.2 N° 210 (cUL) on request



Other possible options



Caution
 These cables must never be cut to shorten the cold tails.

PRODUCTS	INSULATION CLASS
CS1	CLASS 0 (single insulated) CLASS III (if low Voltage)

CS1	
Heating wire	Nickel-Copper or Nickel-Chrome
Diameter	2,3 to 3,5 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 %
Max. current	2 A
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.