

TEMPERATURE MAINTENANCE SYSTEMS

CSC2

Silicon elastomer insulated drain-line heaters



Characteristics

- Fully sealed.
- Double insulation.
- Extremely flexible.
- Voltage 230 V as standard.
- Power cable : Length 1m.
- Special production on request.

Applications

CSC2 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.

Note: The most commonly used power rating is 50 W/m. However, for plastic pipes, we strongly recommend using the 40W/m range.



Standards

CEI 62395-1
CEI 62395-2



Wire terminated
in the cold tail

Black mark

Silicon elastomer
insulation

Silicon elastomer
insulation

Heating wire

Fiber glass core

Conductor cable

Heating section

Silicon elastomer
moulding
9 x 7 mm
Length 20 mm

Standard models

Length (m)	CSC2	
	40 W/m	50 W/m
1	40 W	50 W
1.3	52 W	65 W
1.5	60 W	75 W
2	80 W	100 W
3	120 W	150 W
4	160 W	200 W
5	200 W	250 W
6	240 W	300 W

Caution

These cables must never be cut to shorten the cold tail.

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.

CSC2	
Heating wire	Nickel-Copper or Nickel-Chrome
Section	5 x 7 mm
Power	40 or 50 W/m
Voltage	Standard 230 V
Permissible surface temperature	from - 70°C to + 200°C
Tolerances	Power : ± 10 % Diameter : + 0.2 / - 0.1 mm Length : ± 1 %
Ingress protection code	IP67
Minimum bending radius	6 x the thickness

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