

CSC2K

Silicon elastomer insulated drain-line heaters with integrated thermostat



Characteristics

- Integrated thermostat.
- Heating section fully sealed.
- Double insulation.
- Extremely flexible.
- Voltage 230 V as standard.
- Power cable length: 1m.as standard
- Special production on request.

Applications

CSC2K heaters are designed to be placed at the bottom of collector trays inside refrigeration equipment in cold rooms, to prevent freezing and to allow condensate water to flow freely.

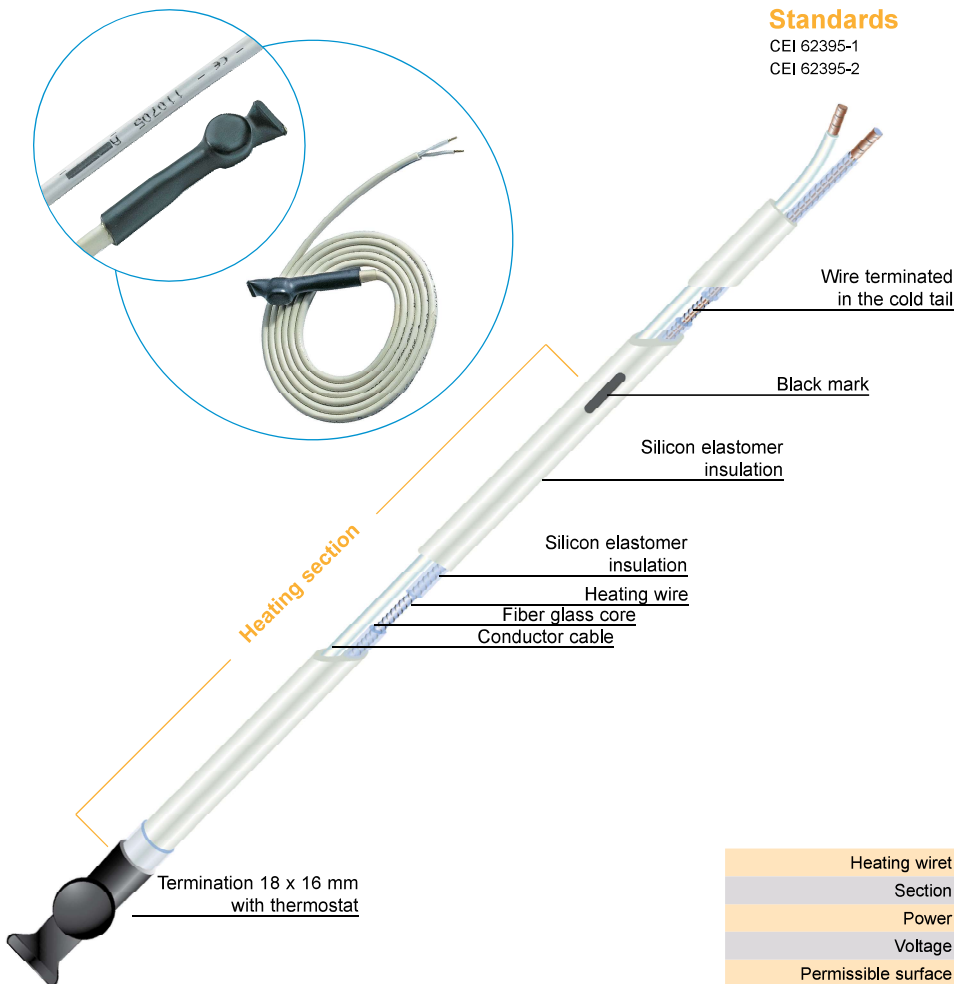
The integrated thermostat makes them fully autonomous. It must not be immersed.

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



Standards

CEI 62395-1
CEI 62395-2



Standard models

| Length (m) | CSC2K | |
|------------|--------|--------|
| | 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 |

| CSC2K | |
|---------------------------------|---|
| Heating wire | Nickel-Copper or Nickel-Chrome |
| Section | 5 x 7 mm |
| Power | 40 or 50 W/m |
| Voltage | 230 V as standard |
| Permissible surface temperature | from - 40°C to + 110°C |
| Tolerances | Power : ± 10 % Diameter : + 0.2 / - 0.1 mm Length : ± 1 % |
| End insulation | Heat-shrink sheath with adhesive |
| Thermostat | Pre-set to + 5°C/+ 15°C as standard |
| Ingress protection code | Cable IP67 - Thermostat IP54 |
| Minimum bending radius | 6 x the thickness |

Caution

These cables must never be cut to shorten the cold tail. The round part of the thermostat (sensor) must be placed in the best position to collect information so that the cable can operate as required.

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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