

TEMPERATURE MAINTENANCE SYSTEMS

CP - CP/T - CP/TW - CP/I - CP/IW PVC insulated cables



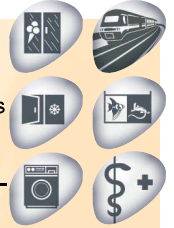
Characteristics

- Power cable: standard length: 1 m.
- CP : PVC insulated cables.
- CP/T : with tinned copper braid and earthing conductor.
- CP/TW : with tinned copper braid no earthing conductor.
- CP/I : with stainless steel braid and earthing conductor.
- CP/IW : with stainless steel braid no earthing conductor.
- Special production on request.

Applications

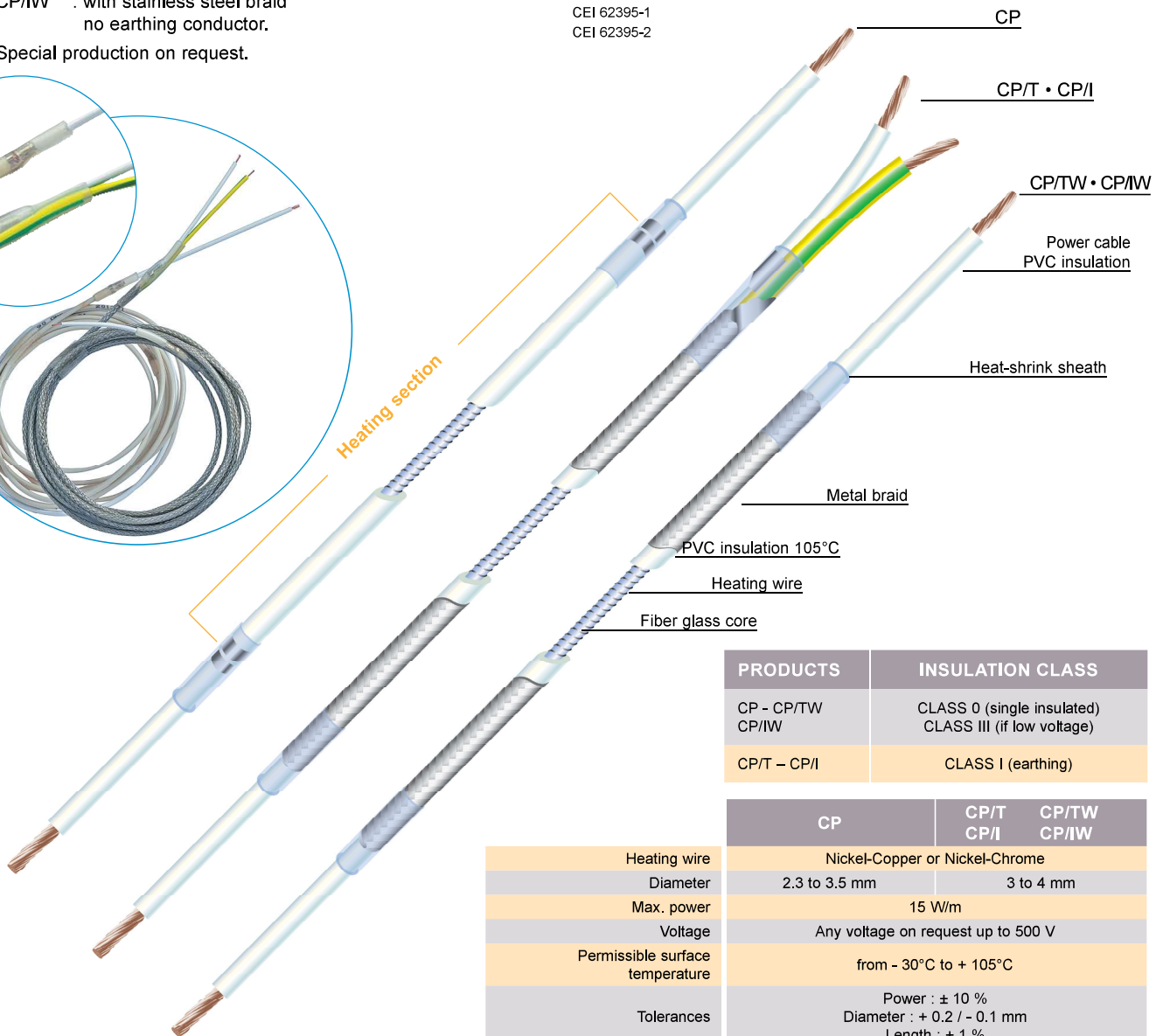
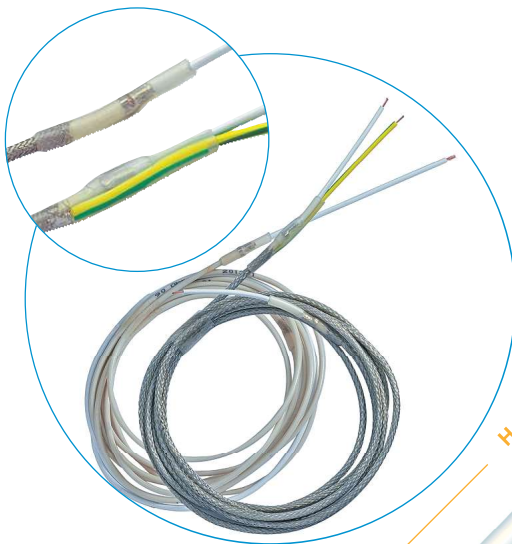
CP, CP/T, CP/TW, CP/I and CP/IW heating cables are mainly used in the household electrical and refrigeration industries and for equipment where protection against freezing or temperature maintenance is necessary.

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

| | CP | CP/T CP/I | CP/TW CP/IW |
|---------------------------------|---|--------------|----------------|
| Heating wire | Nickel-Copper or Nickel-Chrome | | |
| Diameter | 2.3 to 3.5 mm | 3 to 4 mm | |
| Max. power | 15 W/m | | |
| Voltage | Any voltage on request up to 500 V | | |
| Permissible surface temperature | from - 30°C to + 105°C | | |
| Tolerances | Power : ± 10 % Diameter : + 0.2 / - 0.1 mm Length : ± 1 % | | |
| Connection insulation | Heat-shrink sheath with adhesive | | |
| Ingress protection code | IP 55 | | |
| 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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