

TEMPERATURE MAINTENANCE SYSTEMS

C1FS/I - C2FS/I - C3FS/I Long cables and tapes



Characteristics

- Designed according to customer requirements.
- For very long circuits.
- Highly corrosion-resistant.
- Connection via tubular connectors and heat-shrink sheath.
- Stainless steel braid.
- Mechanical protection and earthing.
- Fluoropolymer and silicon elastomer insulation.
- Special production on request.

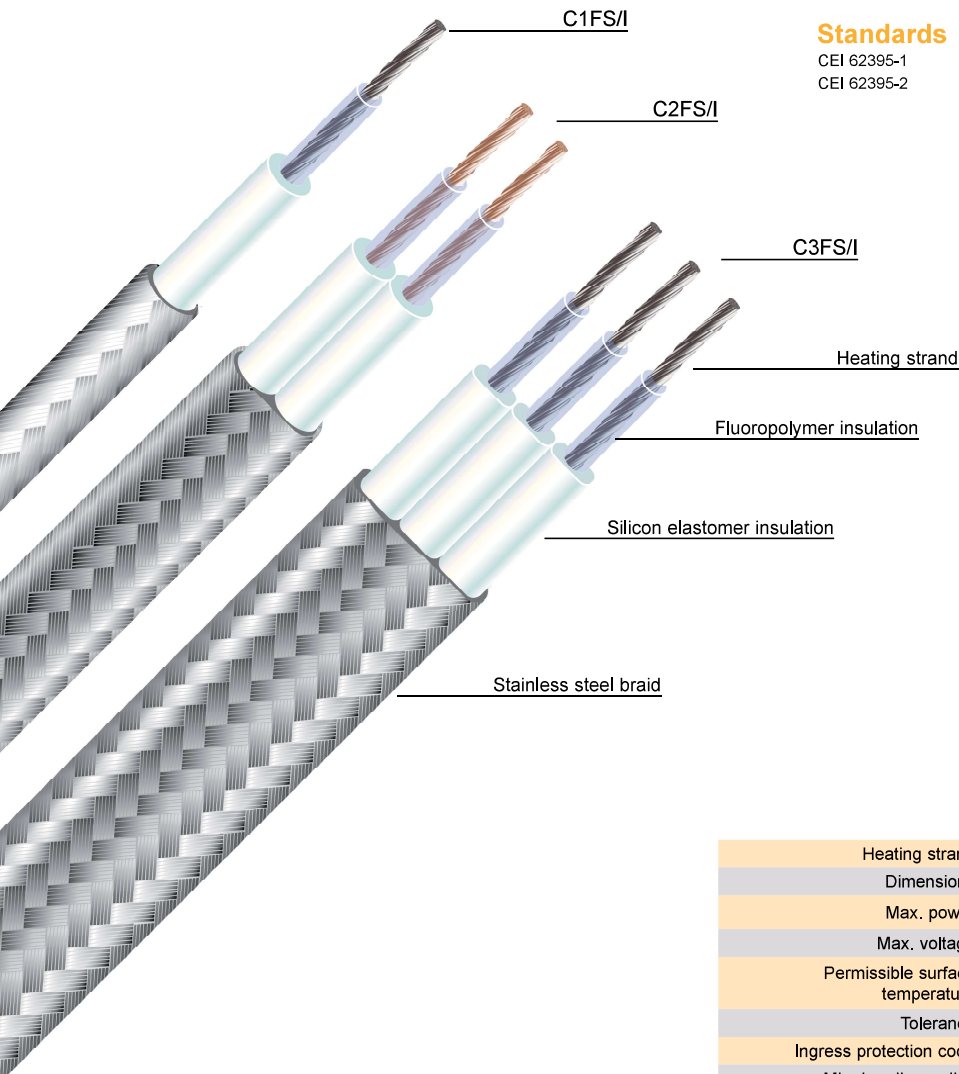
Applications

C1FS/I cables are specially designed for heating concrete tracks for VAL type metros. They can be terminated into copper tubes.

C2FS/I cables are specially designed for heating metal metro tracks and rails of the VAL type. They can be slid inside a U-shaped composite profile clamped against the rail with stainless steel clips.

C3FS/I tapes are used when it is required to trace very long stretches, where a 400V, 3-phase power supply is available, for example in pits or tunnels.

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



Standards

CEI 62395-1
CEI 62395-2

NF EN 60077-1
NF EN 60077-2



	C1FS/I	C2FS/I	C3FS/I
Heating strand	Nickel-Copper or Nickel-Chrome		
Dimensions	Ø 6.5 mm	5 x 9 mm	7 x 16 mm
Max. power	40 W/m	60 W/m	80 W/m
Max. voltage	750 V		
Permissible surface temperature	de - 70°C to + 200°C		
Tolerance	Resistance ± 10 %		
Ingress protection code	IP54 with our kits		
Min. bending radius	6 x the diameter or the thickness		

Use

Consult the pages of the catalogue devoted to the corresponding general operating principles, general instructions for use and accessories.

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TEMPERATURE MAINTENANCE SYSTEMS

C4FS/IS Long cables and tapes



Characteristics

- Designed according to customer requirements.
- For very long circuits.
- Highly corrosion-resistant.
- Connection via tubular connectors and heat-shrink sheath.
- Stainless steel braid.
- Mechanical protection and earthing.
- Fluoropolymer and silicon elastomer insulation.
- Special production on request.

Applications

C4FS/IS cables are used when it is required to trace very long stretches, where electrical supply is available only at one end, for example in case of pits, tunnels, heating tracks, pipes,...

Through their building, these heating cables allow a power modulation from single to double thanks to an adequate electrical coupling.

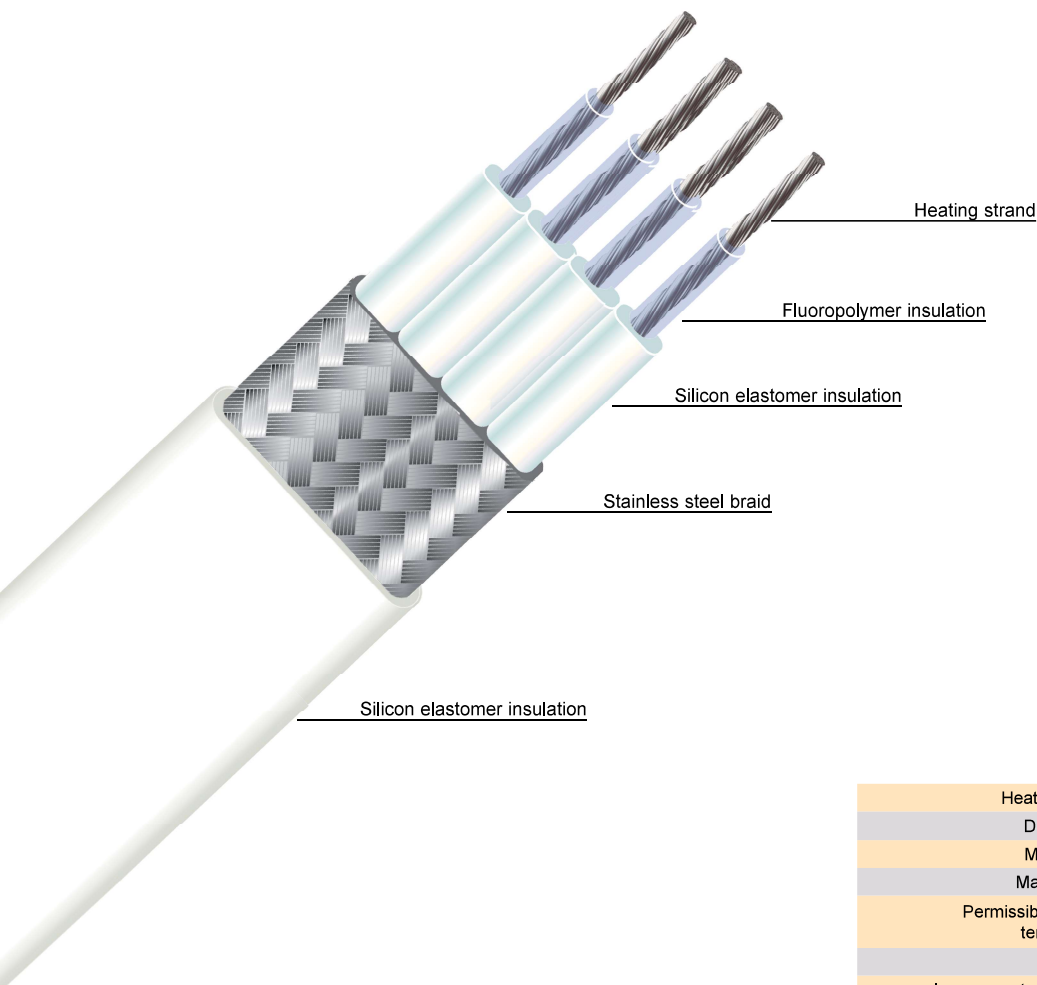
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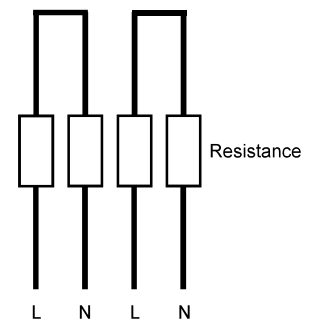
Standards

CEI 62395-1
CEI 62395-2

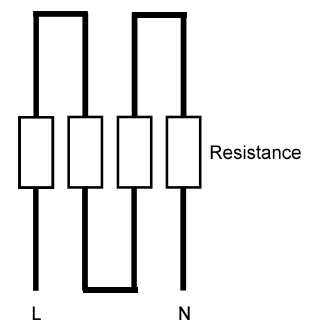
NF EN 60077-1
NF EN 60077-2



Example of electrical tracing typ 1



Example of electrical tracing typ 2



	C4FS/IS
Heating strand	Nickel-Copper or Nickel-Chrome
Dimensions	6 x 16.8 mm
Max. power	120 W/m
Max. voltage	1000 V according to IEC 62395-1
Permissible surface temperature	From - 70°C to + 200°C
Tolerance	Resistance \pm 10 %
Ingress protection code	IP54 with our kits
Min. bending radius	6 x the thickness of cable

Use

Consult the pages of the catalogue devoted to the corresponding general operating principles, general instructions for use and accessories.

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