

TEMPERATURE MAINTENANCE SYSTEMS

C1P - C1P/T - C1P/I PVC insulated cords



Characteristics

- cords on request.
- C1P : PVC insulated cords.
- C1P/T : with tinned copper braid for mechanical protection and earthing.
- C1P/I : with stainless steel braid for mechanical protection and earthing.
- Special production on request.

Applications

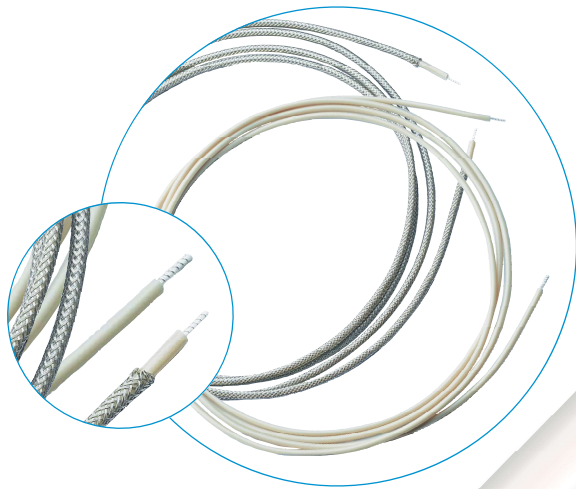
C1P, C1P/T and C1P/I heating cables are mainly used in the household electrical or refrigeration industries, or in machines requiring protection against freezing or temperature maintenance.

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



PVC insulation 105°C
(C1P)

Metal braid
(C1P/T - C1P/I)

PRODUCTS	INSULATION CLASS
C1P	CLASS 0 (single insulated) CLASS III (if low voltage)
C1P/T - C1P/I	CLASS I (earthing)

	C1P	C1P/T - C1P/I
Support	Fibre class Ø 0.7 or Ø 1.1 mm	
Heating wire	Nickel-Copper or Nickel-Chrome	
Diameter	2.0 to 3.0 mm	2.3 to 3.3 mm
Max. ohmic value	5000 Ω/m	
Max. power	15 W/m	
Max. voltage	600 V	
Permissible surface temperature	From - 30°C to + 105°C	
Tolerances	Resistance : ± 10 % Diameter : + 0.2 / - 0.1 mm	
Minimum bending radius	6 x the diameter	

Use

Heating cords are series resistors. Consult the pages of the catalogue devoted to the corresponding general operating principles, general instructions for use and accessories.

FLEXELEC S.A.S

10, rue des frères Lumière
Z.A. du Bois Rond
69720 ST BONNET DE MURE - FRANCE
Tél : + 33 (0)4.72.48.30.90

E-mail : flexelec@omerin.com

FLEXELEC Dept

OMERIN ASIA Pte Ltd
51 Goldhill Plaza #08-11
SINGAPORE 308900
Tel : + 65.6255.4778
Fax : + 65.6255.4779
E-mail : sales@omerin.com.sg

FLEXELEC (UK) Ltd

Unit 11 Kings Park Industrial Estate
Primrose Hill - KINGS LANGLEY
Hertfordshire - WD4 8ST - UK
Tel : + 44 (0) 1923.274477
Fax : + 44 (0) 1923.270264
E-mail : sales@omerin.co.uk

FLEXELEC Dept

OMERIN GmbH
Buchwiese 16
D-65510 IDSTEIN - GERMANY
Tel : + 49 (0) 6126.94.31-0
Fax : + 49 (0) 6126.83.999
E-mail : omerinmbh@omerin.com