

## TEMPERATURE MAINTENANCE SYSTEMS



# FCH Heating belts for refrigeration compressors

### Characteristics

- Quick, safe and easy to fit.
- Sealed silicon insulated heating element.
- Metal braid for earthing.
- Voltage 230 V as standard.
- belts on request.
- Special production on request.
- Ingress protection code : IP54

### Applications

FCH heating belts are fitted to refrigerating compressors to prevent the coolant from being absorbed by the oil.

The lower the temperature, the quicker and the more complete the absorption, which can seriously damage the compressor, especially when starting up, through lack of lubrication.

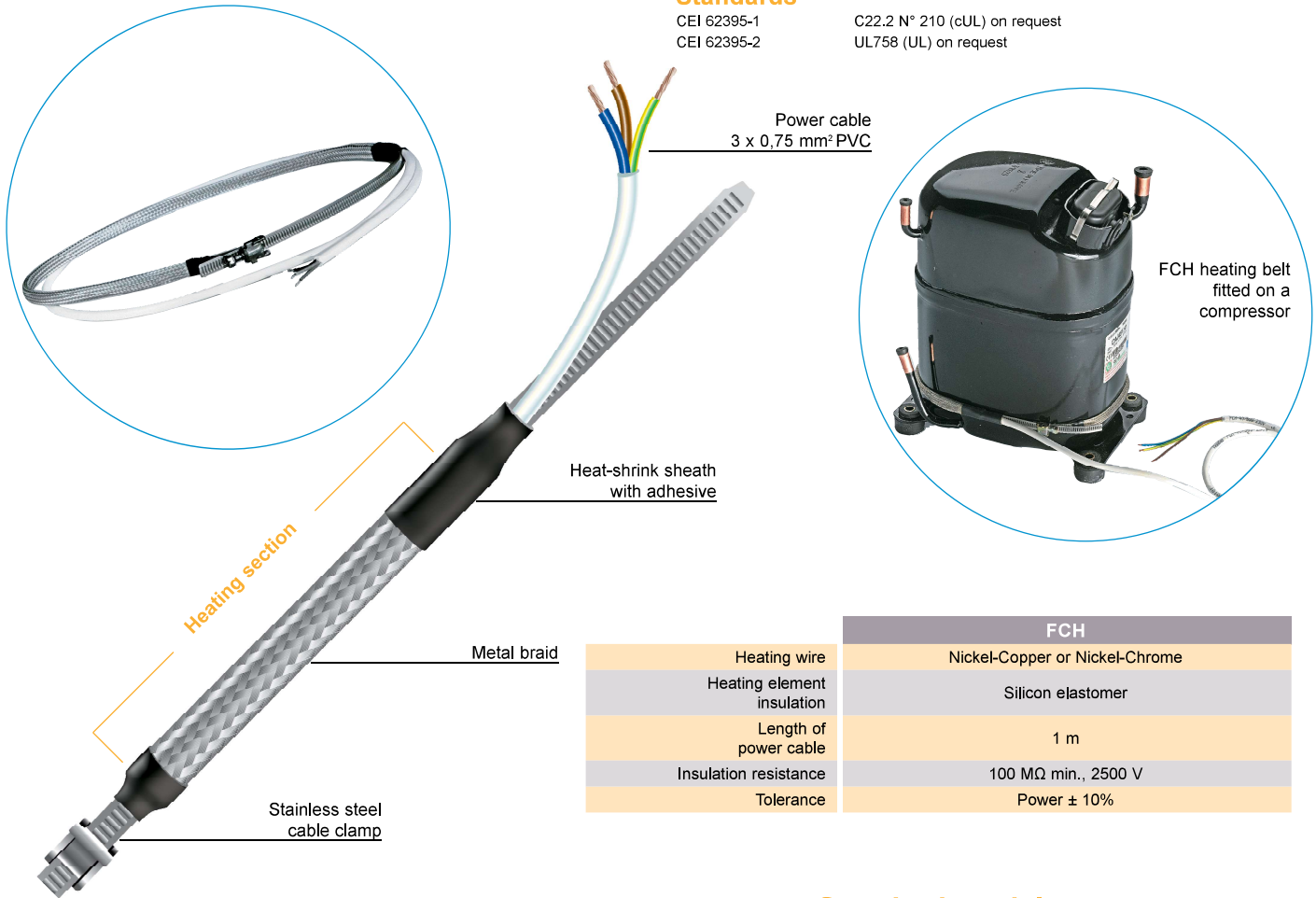
To ensure that these heating elements enjoy a long service life, we recommend using a control device



### Standards

CEI 62395-1  
CEI 62395-2

C22.2 N° 210 (cUL) on request  
UL758 (UL) on request



	FCH
Heating wire	Nickel-Copper or Nickel-Chrome
Heating element insulation	Silicon elastomer
Length of power cable	1 m
Insulation resistance	100 MΩ min., 2500 V
Tolerance	Power ± 10%

### Standard models

	FCH-10	FCH-20	FCH-30	FCH-40	FCH-50	FCH-60
Power (W)	35	40	45	55	65	75
Min. clamping Ø (mm)	120	140	150	180	220	245
Max. clamping Ø (mm)	175	175	280	280	320	370

### Use

Heating belts 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 : omeringmbh@omerin.com