

TEMPERATURE MAINTENANCE SYSTEMS

FCHK

Heating belts for refrigeration compressors with integrated thermostat



Characteristics

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

Applications

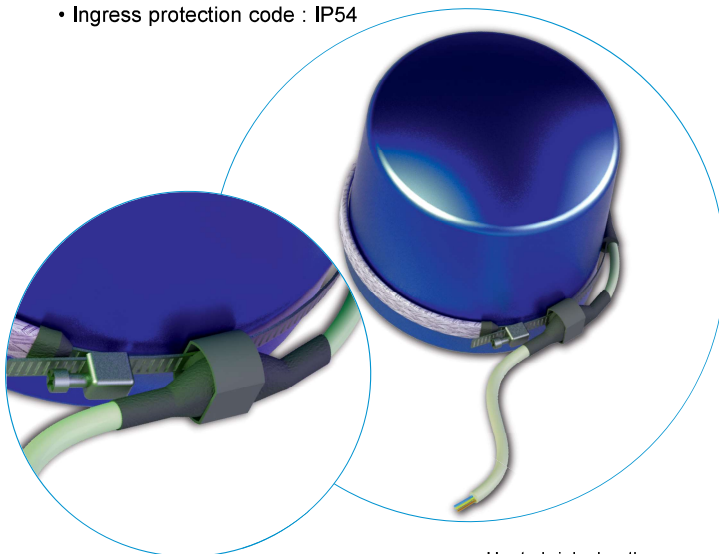
FCHK heating belts are fitted to refrigerating compressors to prevent the coolant from being absorbed by the oil.

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.

The integrated thermostat on the crankcase heater makes it completely autonomous.

Standards

CEI 62395-1
CEI 62395-2



Heat-shrink sheath
with adhesive

Thermostat

Power cable
3x0.75 mm² PVC

Stainless steel
cable clamp

Heating section with metal braid



FCHK heating belt fitted on a compressor

	FCHK
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%
Thermostat	Temperature on request

Standard models

	FCHK-10	FCHK-20	FCHK-30	FCHK-40	FCHK-50	FCHK-60
Power (W)	35	40	45	55	65	75
Min. clamping Ø (mm)	145	165	175	205	245	270
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.

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