Condor Technology Ltd.

DATASHEET: ELECTRICAL THERMOSTAT FIX THERM96 TH-*/*

1 Application

The FixTherm96-Thermostats are often used as maximum thermostat in instrumentation cabinets with space-heating, to protect the equipment from overheating.

- Prevention of overheating
- Temperature protection

2 Features and Advantages

- Setpoints up to 135°C
- Accurate set-point (± 3°C)
- Small hysteresis
- Anodized Aluminium housing (Stainless steel housing available)
- Armoured electrical cable standard
- Suitable for T6 and T4 classification
- Can be used for 6A / 240 VAC/DC

3 Description

The housing is made from anodized Aluminium or Stainless Steel type 316 (on request).

When required in applications, e.g. analyzers, it is normal practice to use our Space-heaters in combination with these Fix-Therm96 thermostats (range from 10°C up to 135°C). The FixTherm96 can also be used for cooling purposes e.g. FixTherm TH-10/5F.

4 Range

Aluminium: TH-10/5 – going up with 5°C setpoints e.g. 10/5 – 15/10 – 20/15 etc. up to 135°C maximum.

Stainless Steel bodies: identical range.

5 Technical data

Housing	:	Anodized Aluminium or Stainless Steel
Current / voltage	:	6A / 240 VAC
Cable	:	3x 0,75 sqmm
Material cable	:	silicone braided cable, optional: non-braided cable
Standard length	:	ca. 1 mtr
Other lengths	:	on request
Overall dimensions	:	o.d. 30 mm x 49 mm length
Weight	:	ca. 160 g.
Switch	:	SPST
Set-point tolerance	:	+/- 3°C
Hysteresis	:	ca. 2°C
Mounting bracket	:	available (B)
Ambient temp. range	:	-50 °C ... + 90 °C
EX protection class	:	II2 G Ex d IIC T6 or T4 : II2 D Ex tD A21 IP66 T85°C or T 135°C
Certification	:	KEMA 01ATEX2125X and IECEx DEK 11.0017