

TAMPER-PROOF THERMOSTAT (NC)

FTO 011



The NC thermostat opens when the temperature rises and is used to control heaters or to switch signal transmitters when the temperature undershoots. The temperature is permanently set. This gives you a high switching accuracy.

- Small dimensions
- Fixed temperature setting
- High switching accuracy
- Clip mounting



OVERVIEW TECHNICAL DATA

Setting range	firm
Contact type	Snap-action contact
Sensor	Thermostatic bimetal
Protection type	IP20
Casing	Plastic to UL94 V-0, light gray
AC/DC	AC;DC
Inrush current	16 A
Inrush current duration	10 s
Switching capacity	AC 250 V: 5 (1.6) A; AC 120 V: 10 (2) A; DC 24-72 V: 30 W
Switching current ohmic	5 A
Switching current 2 ohmic	10 A
Reference voltage ohmic	250 VAC
Reference voltage 2 ohmic	120 VAC
Switching current inductive	1,6 A
Switching current 2 inductive	2 A
Reference voltage inductive maximum	250 VAC
Reference voltage 2	120 VAC
Switching current dc ohmic	1 A
Reference voltage dc ohmic	30 VDC
Minimal switching capacity	0,48 W
Reference voltage	24 V



Switching current	20 mA
Service life	>100000 cycles
Switch-off temperature tolerance	± 5 K
Switch-on temperature tolerance	± 5 K
Operating temperature	-40 °C - 80 °C
Operating humidity	≤90 % RH
Storage humidity	≤90 % RH
Storage temperature	-45 °C - 80 °C
Torque	0,8 Nm max.
Connection	2-pole clamp: Rigid wire/stranded wire 2.5 mm² (AWG 14)
Design	Normally closed (NC)
Mounting	Clip for 35 mm DIN rail, EN 60715
Height	47 mm
Width	33 mm
Depth	33 mm
Weight	30 g
Note	Other switch-on/switch-off temperatures on request. Wire end ferrules must be used for connections with stranded wires. Switching of resistive load (switching of inductive load).

PRODUCT VARIANTS

Article number	Switch-off temperature	Switch-on temperature
01160.0-01	25 °C	15 °C
01160.0-00	15 °C	5 °C
01160.0-05	10 °C	0 °C

TECHNICAL DRAWINGS

