



TAMPER-PROOF THERMOSTAT (NO)

FTS 011

The NO thermostat closes when the temperature rises and is used to control filter fans, heat exchangers, cooling devices or to switch signal transmitters when the temperature is exceeded. 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

Device name	Tamper-proof thermostat (NO)
Device type	Thermostats
Series	FTS 011
Setting range	firm
Contact type	Snap-action contact
Sensor	Thermostatic bimetal
Protection type	IP20
Casing	Plastic to UL94 V-0, light grey
AC/DC	AC DC
Operating voltage tolerance maximum	AC 250 V (VDE), AC 120 V (UL) V
Inrush current maximum	16 A
Inrush current duration	10 s
Switching capacity	AC 250 V: 5 (1.6) A AC 120 V: 10 (2) A DC 24-72V: 30 W
Switching current ohmic	5 A
Switching current 2 ohmic	10 A
Reference voltage ohmic maximum	250 VAC
Reference voltage 2 ohmic maximum	120 VAC
Switching current inductive	1.6 A
Switching current 2 inductive	2 A
Reference voltage inductive maximum	250 VAC
Reference voltage 2 maximum	120 VAC
Switching current dc ohmic	1 A
Reference voltage dc ohmic maximum	30 VDC



Minimal switching capacity	0.48 W
Reference voltage minimum	24 V
Switching current	20 mA
Service life	>100000 cycles
Operating temperature	-40 °C - 80 °C
Operating humidity	≤90 % RH
Storage humidity	≤90 % RH
Storage temperature	-45 °C - 80 °C
Torque	0.8 Nmmax.
Connection	2-pole clamp, torque 0.8 Nm max: Rigid wire/stranded wire 2.5 mm² (AWG 14)
Design	Normally open (NO)
Mounting	Clip for 35 mm DIN rail, EN 60715
Height	47 mm
Width	33 mm
Depth	33 mm
Weight	30 g

PRODUCT VARIANTS

Article number	Switch-off temperature	Switch-off temperature tolerance	Switch-on temperature	Switch-on temperature tolerance
01161.0-02	25 °C	± 6 K	35 °C	± 6 K
01161.0-00	40 °C	± 6 K	50 °C	± 7 K
01161.0-01	50 °C	± 7 K	60 °C	± 7 K