TAMPER-PROOF DUAL THERMOSTAT

FTD 011 | 01163.0-00

Fixed thermostat normally closed (NC) and normally open (NO) contacts in one casing. Unlike thermostats with changeover contacts, the double thermostat switches independently. This allows heating and cooling devices to be switched in different temperature ranges.

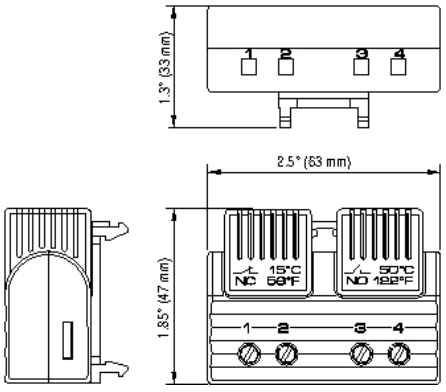
- Normally closed contact (NC, normally closed, heating) and normally open contact (NO, normally closed, cooling) in one casing
- Snap-action contact enables independent switching
- Fixed temperature setting
- High switching accuracy
- Clip mounting

OVERVIEW TECHNICAL DATA

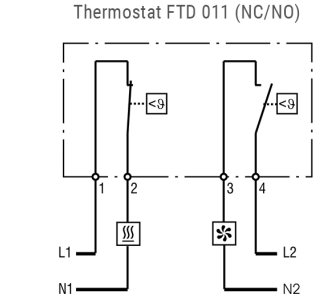
Device type	Thermostats
Setting range	firm
Contact type	Snap-action contact
Sensor	Thermostatic bimetal
Protection type	IP20
Casing	Plastic to UL94 V-0, light gray
AC/DC	AC;DC
Inrush current	16 A
Inrush current duration	10 s
Switching capacity	AC 250 V: 5 (1.6) A; AC 120 V: 10 (2) A; DC 24-72 V: 30 W
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	15 °C
Switch-off temperature tolerance	± 5 K
Switch-off temperature 2	+40 °C
Switch-off temperature 2 tolerance	± 6 K
Switch-on temperature	5 °C
Switch-on temperature tolerance	± 5 K
Switch-on temperature 2	50 °C
Switch-on temperature 2 tolerance	± 7 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); Normally open (NO)
Mounting	Clip for 35 mm DIN rail, EN 60715
Height	47 mm
Width	63 mm
Depth	33 mm
Weight	40 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).

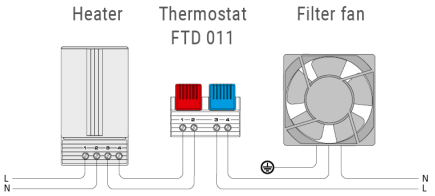
TECHNICAL DRAWINGS



Connection diagram



Heater
Filter fan, cooling equipment, signal device



Connection example