

Thermostat - FZK 011

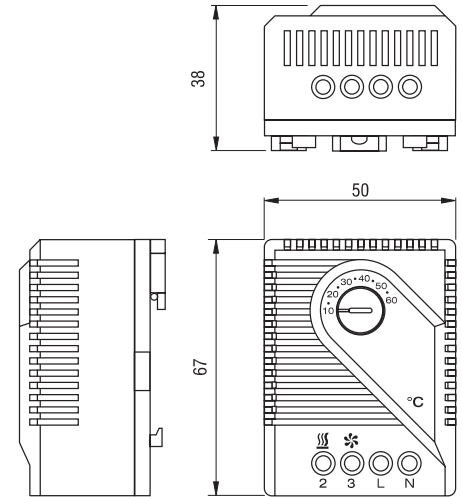
- Adjustable temperature
- High switching capacity
- Small hysteresis
- Terminals easily accessible
- Clip fixing
- Change-over contact

The mechanical thermostat is used for controlling heating and cooling equipment, filter fans or signal devices. The thermostat registers the surrounding air and can switch both inductive and resistive loads via snap-action contact.

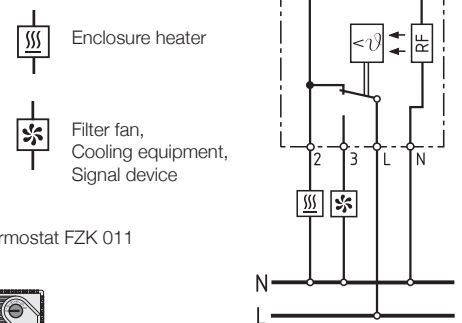


Technical Data:

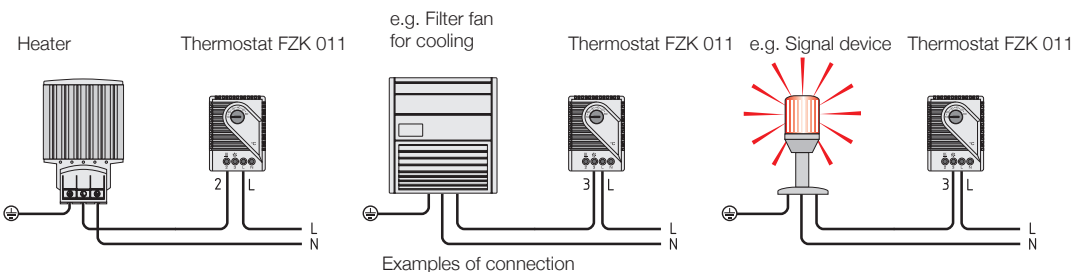
Switch temperature difference	4K ($\pm 1.5K$ tolerance)*
Sensor element	Thermostatic bimetal
Contact type	Change-over snap-action contact
Contact resistance	<10m Ω
Service life	>100,000 cycles
Max. switching capacity, NC	250VAC, 10 (4) A 120VAC, 10 (4) A DC 30W
Max. switching capacity, NO	250VAC, 5 (2) A 120VAC, 5 (2) A DC 30W
EMC	acc. to EN 55014-1-2, EN 61000-3-2, EN 61000-3-3
Connection	4-pole terminal, clamping torque 0.5Nm max.: rigid wire 2.5mm ² stranded wire (with wire end ferrule) 1.5mm ²
Mounting	Clip for 35mm DIN rail, EN60715
Casing	Plastic according to UL94 V-0, light grey
Dimensions	67x50x38mm
Weight	Approx. 0.1kg
Fitting position	Variable
Op/storage temp.	-20 to +80°C / -45 to +80°C
Protection type	IP20
Approvals	UL File No. E164102



Connection diagram



*Connecting terminal "N" (RF heating resistor) causes the thermal feedback to work and so reduces the switch temperature difference to approx. 0.5K.



Art. No.	Operating voltage	Setting range
	230VAC	+5 to +60°C
	230VAC	+40 to +140°F
	230VAC	-20 to +30°C
	120VAC	+40 to +140°F
	120VAC	+5 to +60°C