

# Mechanical Thermostat ETR 200



- Adjustable temperature
- Change-over contact for heating and/or ventilation
- High switching capacity
- Thermal coupling
- Terminals easily accessible  
Clip fixing

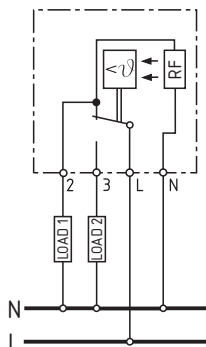
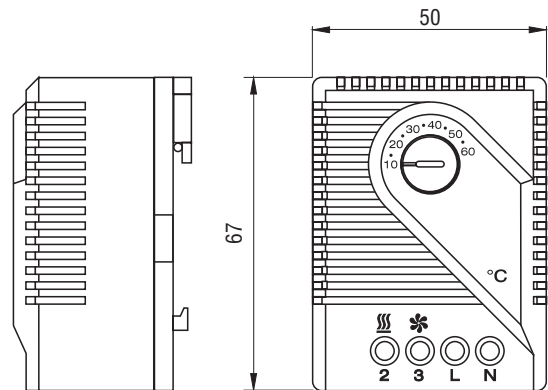
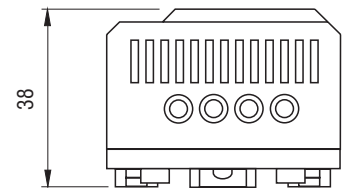
The mechanical thermostat is used for controlling heating and cooling equipment, filter fans or signal devices. The thermostat registers the surrounding air and can switch both inductive.



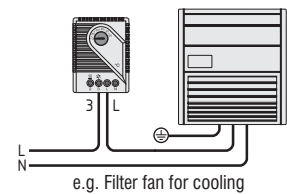
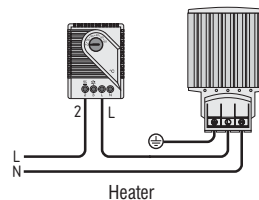
### Technical Data

Setting range:	+5 to +60°C
Operating voltage <b>230VAC</b>	Art. No. ETR 200
Operating voltage <b>120VAC</b>	Art. No. ETR 200 115
Switch temperature difference:	4K ( $\pm 1.5$ K tolerance) <sup>1)</sup>
Sensor element:	thermostatic bimetal
Contact type:	change-over snap-action contact
Contact resistance:	< 10mΩ
Service life:	> 100 000 cycles
Max. Switching capacity, NC:	AC 250V 10A (resistive load) AC 250V 4 A (inductive load at $\cos \phi = 0.6$ ) DC 30W
Max. Switching capacity, NO:	AC 250V 5 A (resistive load) AC 250V 2 A (inductive load at $\cos \phi = 0.6$ ) DC 30W
EMC:	acc. to EN 55014-1-2, EN 61000-3-2, EN 61000-3-3
Connection:	4-pole terminal for 2.5mm <sup>2</sup>
Mounting:	clip for 35mm DIN rail, EN50022
Casing:	plastic UL94 V-0, light grey
Dimensions:	67 x 50 x 38mm
Weight:	0.1kg
Fitting position:	variable
Operating/Storage temp.:	-20 to +80°C
Prot. type:	IP 20
Approvals:	-/-

<sup>1)</sup>Connecting terminal "N" (RF heating resistor) causes the thermal feedback to work and so reduces the switch temperature difference to approx. 0.5K.



LOAD 1 = Enclosure heater  
LOAD 2 = Filter fan,  
Cooling equipment,  
Signal device



Example of connection:

