

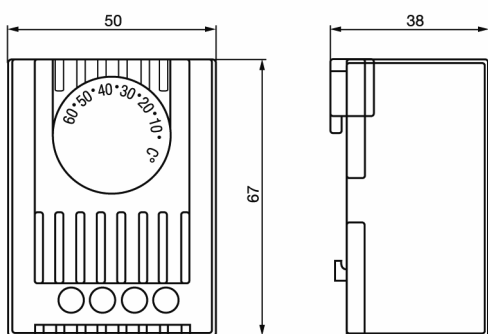
## MECHANICAL THERMOSTAT

Description: **Change-over thermostat for rail**

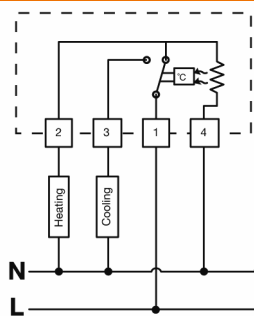


<b>Enclosure material</b>	PC/ABS
<b>Color</b>	grey RAL 7035
<b>Protection degree:</b>	IP30
<b>Mounting on:</b>	DIN rail 35 mm (EN 50 022)
<b>Fixing method:</b>	snap on
<b>Electrical connection:</b>	screw terminals
<b>Electrical section wires:</b>	from 0.75 mm <sup>2</sup> to 2.5 mm <sup>2</sup>
<b>Sensing element type:</b>	bi-metallic with thermal retroaction
<b>Rated Current:</b>	4A Heating; 2A Cooling for inductive load with cosφ = 0.6 (d.c. 30 W /230V)
<b>Setting/indexing:</b>	external Knob / 5°C
<b>Operating temperature:</b>	from 0°C to +60°C
<b>Storage temperature:</b>	from -10°C to +65°C
<b>External dimensions:</b>	67x50x38 mm
<b>Endurance:</b>	100.000 cycles
<b>Applicable standards:</b>	EN 60730-1
<b>Approvals:</b>	CE

## Technical Drawing



## Wiring Diagram



Model	Rated Voltage Range	Rated Current	Contact Current	Setting Range	Differential (referred to set point)	Accuracy	Net Weight
	50/60Hz	(A)	(A)	(°C)	(°C)	(°C)	(kg)
TRT-230V-S01	230 V a.c.	(Heating) a.c. 10(4) (Cooling) a.c. 5(2)	10	+5° - +60°	1 (with thermal retroaction)	±3	0.073