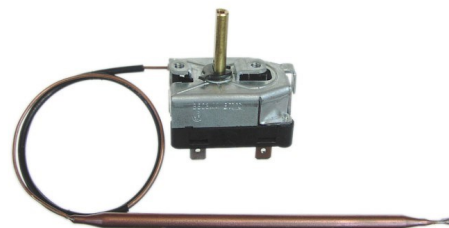


RT 8803



Description

Capillary thermostat RT is a single-pole temperature regulator based on the principle of liquid dilatation. It consists from two basic parts: switching unit and capillary temperature sensor. There is a protective earht pin on the cover. Regulated temperature can be user set in control range. RT can be also used as anti-frost fuse. Installation is made by two M4 screws.

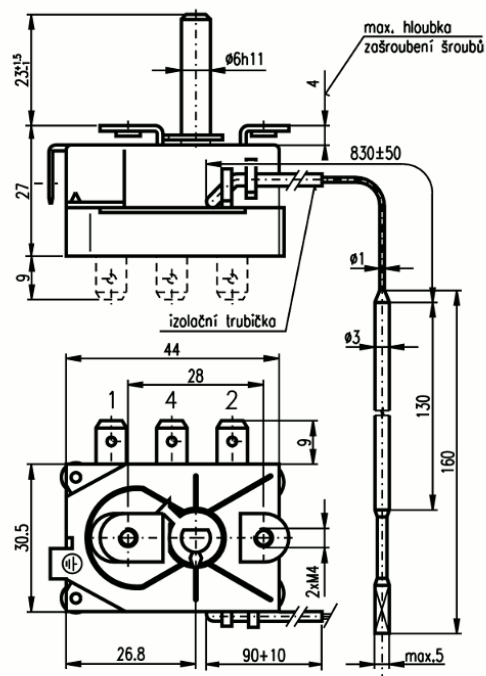
Advantages

- variable location of temperature sensor in relation to position of switching unit
- switching unit can be installed in any position
- capillary can be bent according to installation need
- no consumption of electrical power
- low operating and servicing costs

Technical data

Control range	7 ÷ 77 °C
Variation of maximal cutout temperature	± 6 °C
Switching difference	2-5 K
Rated current	16 (2,6) A
Rated voltage	240 V
Temperature range (switching unit)	0 °C - 150 °C
Max. temperature (sensor)	90 °C
Protection	IP 00, built-in thermostat
Protection class	I
Lifetime	100 000 working cycles
Capillary length	500 mm
Min. radius of capillary bend	$R_{min} = 5 \text{ mm}$
Connecting terminals	flat pins 6,3 x 0,8 in accordance with ČSN EN 61210

Type	Control range [°C]	Design (break./ switch.)	No. of termi- nals	Design (straight/ angular)	Earthing ter- minal
8803.02	7-77	breaking	2	straight	yes
8803.02U	7-77	breaking	2	angular	yes
8803.021	7-77	breaking	3	straight	yes
8803.021U	7-77	breaking	3	angular	yes



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