

CAPILLARY THERMOSTAT RT 8803

DESCRIPTION

Capillary thermostat Rt is a single-pole temperature regulator based on the principle of liquid dilatation. It consists of two basic parts: switching unit and capillary temperature sensor. There is a protective earth pin on the cover. Regulated temperature can be set in control range by user. 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

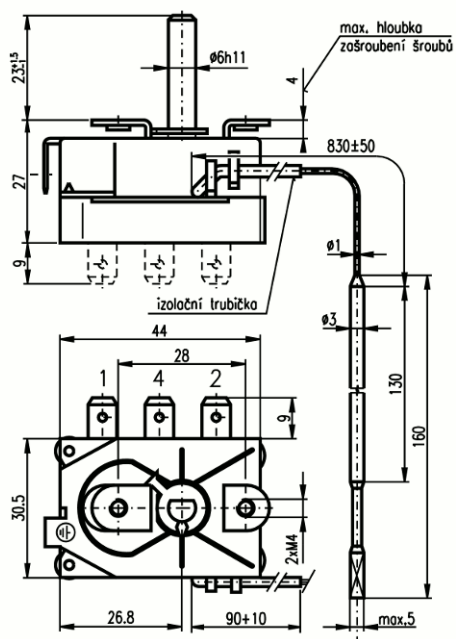
Control range	7°C ÷ 77°C
Variation of maximal cutout temperature	±6°C
Switching difference	2-5K
Rated current	16 (2,6) A
Rated voltage	240 V
Temperature range (switching unit)	0°C to 150°C
Max. temperature (sensor)	90°C
Protection	IP 00, built in thermostat
Protection class	I
Lifetime	100 000 working cycles
Capillary length	500 mm
Min. Radius of capillary bend	Rmin = 5mm
Connecting terminals	Flat pins 6,3 x 0,8 mm according to ČSN EN 612 10

By agreement with the manufacturer, the control range can be shifted to a lower temperature, RT can be supplied in a switchable version or in 8803.02U with 90° (angular version - see technical drawings). Further information can be obtained from the manufacturer.

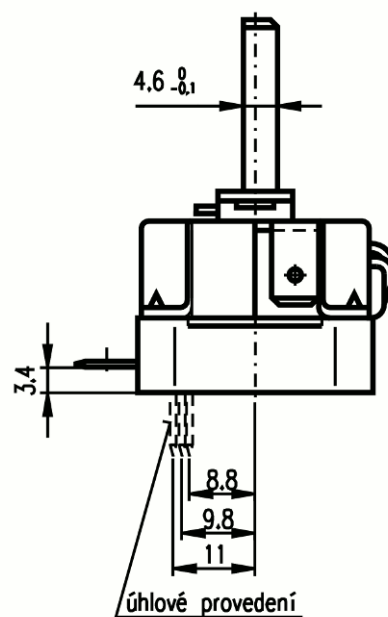
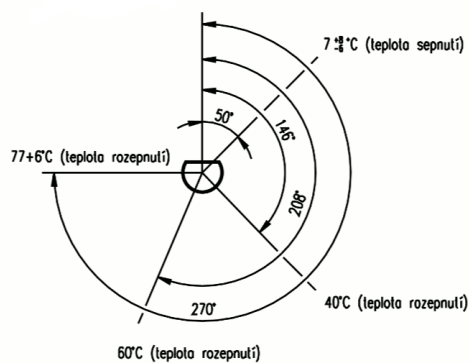
OVERVIEW OF TYPE DESIGNATION

Type	Control range [°C]	Design (break./switch.)	No. of terminals	Design (straight/angular)	Ground pin
8803.02	7-77	Breaking	2	Straight	Yes
8803.02U	7-77	Breaking	2	Angular	Yes
8803.021	7-77	Switching	3	Straight	Yes
8803.021U	7-77	Switching	3	Angular	Yes

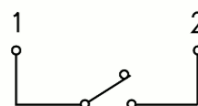
TECHNICAL DRAWINGS



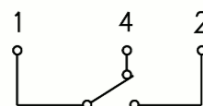
Control range



Wiring scheme in open position



Wiring scheme in close position



The terminal marking is made on the switch body

CONTACTS

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Your distributor:

The manufacturer reserves the right to change design, technical specifications and accessories without prior notice.

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