

CAPILLARY THERMOSTAT RT 8824

DESCRIPTION

The RT 8824 capillary thermostat is a two-pole capillary temperature controller based on the principle of liquid dilation. The RT 8824 consists of two basic parts: a switching unit and a capillary temperature sensor. There is a protective ground pin on the housing. The user can set the regulated temperature within the control range. The RT 8824 is mounted with two M4 screws.



ADVANTAGES

- Variable positioning and rotation of the sensor independent of the position of the switch gear
- Possibility to mount the switching unit in any position
- Possibility to bend the capillary according to the mounting conditions
- The system has no power consumption of its own
- Low operating and maintenance costs compared to electronic systems

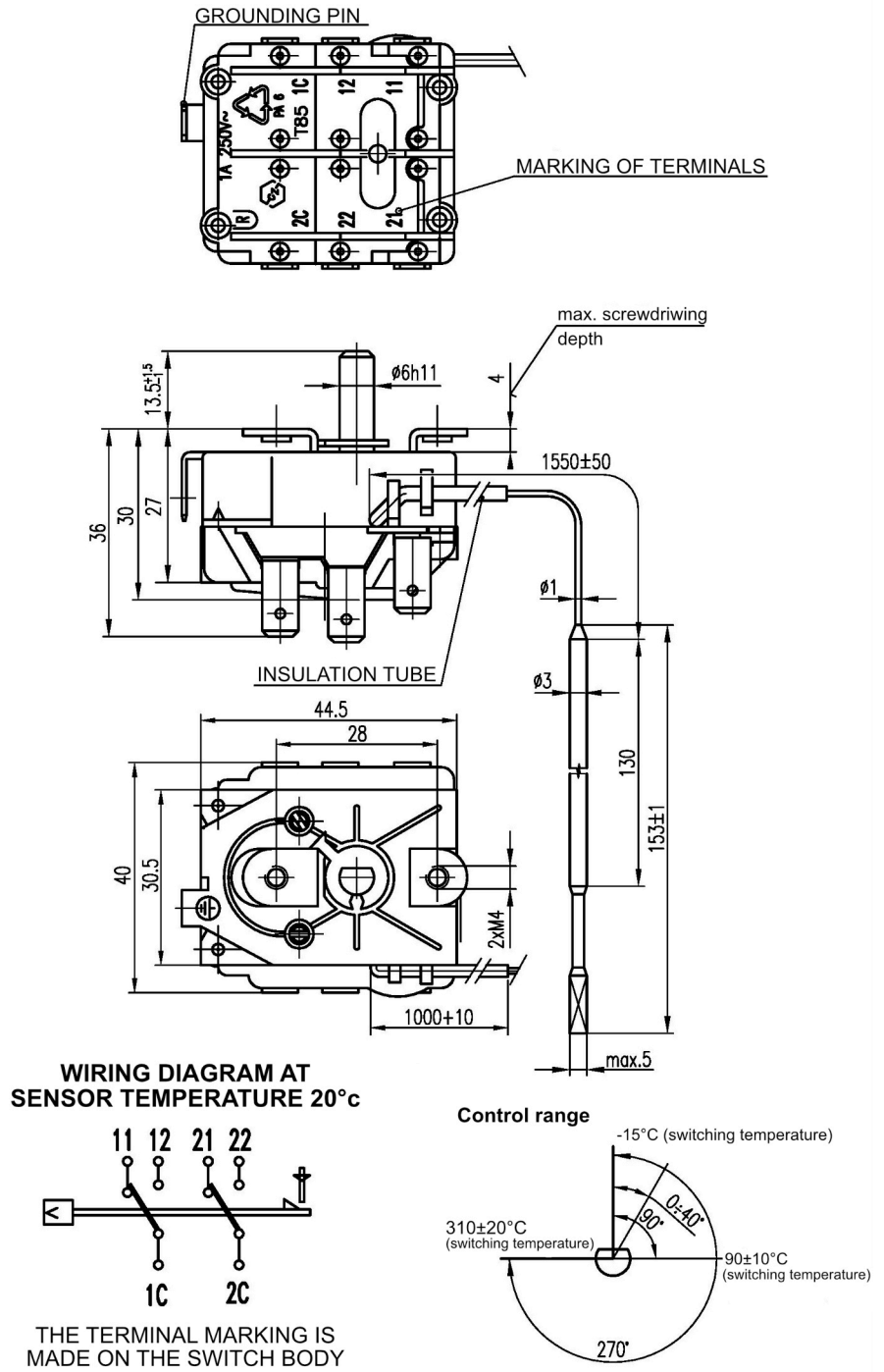
TECHNICAL DATA

| | |
|--|---|
| Control range | -15°C to 310°C |
| Accuracy of max. expansion temperature setting | ±20°C |
| Setting accuracy at 90°C | ±10°C |
| Switching difference | 4-10K |
| Rated current | 1 A |
| Rated voltage | 240 V |
| Temperature limits around the switchgear | 0°C - 85°C |
| Max. temperature (sensor) | 330°C |
| Protection | IP 00, RT is built-in |
| Protection class | I |
| Lifetime | 100 000 working cycles |
| Capillary length | 1 550 |
| Min. radius of capillary bend | Rmin= 5mm |
| Connecting terminals | Flat pins 6,3 x 0,8 mm according to ČSN EN 612 10 |

The operating range can be shifted to a lower temperature by agreement with the manufacturer. Further information can be obtained directly from the factory.

| Type | Operating temperature range [°C] | Design (break./switch.) | No. of terminals | Design (straight/angular) | Ground pin |
|------|----------------------------------|-------------------------|------------------|---------------------------|------------|
| 8824 | -15 to 310 | Switching | 6 | Angular | Yes |

TECHNICAL DRAWINGS



CONTACTS

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Your distributor:

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