

## temperature control thermostat TRT TR2/711 EU

Part no. 67217X

Temperature control thermostats TRT With capillary tube

### benefits

- mechanical temperature controllers
- for controlling and monitoring thermal processes
- ideal for heat and process engineering
- simple, robust design

### Application

Mechanical temperature controller and limiter without external power supply. The device is suitable for application areas in the field of heat and process engineering. With the liquid-filled measuring systems and the short response times, the devices lend themselves for controlling thermal processes in appliance engineering, ovens, heating and air conditioning and other industrial or domestic applications.

### Description

The temperature measured at the probe causes a change in the volume of the measuring liquid in the probe-capillary system. Electrical switching is triggered by the force acting. A thermowell allows for pressure-tight installation of the probe in various types of pressurised tanks.

### Technical Specifications

#### Type

TR2

#### Operating range

see ordering table

#### Tolerance

$\pm 6 \text{ K at } 20 \text{ }^\circ\text{C}$

#### Influence of ambient temperature

$-0.054 \text{ }^\circ\text{C}/^\circ\text{C}$

#### Switching differential

$\Delta T 4 \pm 1 \text{ K}$

#### Adjustment angle

$270 \text{ }^\circ$

#### Probe

Copper  
 $\varnothing 6.5 \times 95 \text{ mm}$

#### Probe element

liquid-filled

#### Operating temperature range

Probe: max.  $130 \text{ }^\circ\text{C}$   
 Housing: max.  $90 \text{ }^\circ\text{C}$

**Capillary tube**

Cu capillary tube with PVC coating, black  
Length: 1500 mm

**Degree of protection**

IP 00 (EN 60529)

**Time constant**

DIN-tested  
DIN EN 14597:2012-09  
registration number: TR/STB 1211

**electrical switching contact**

Changeover contact

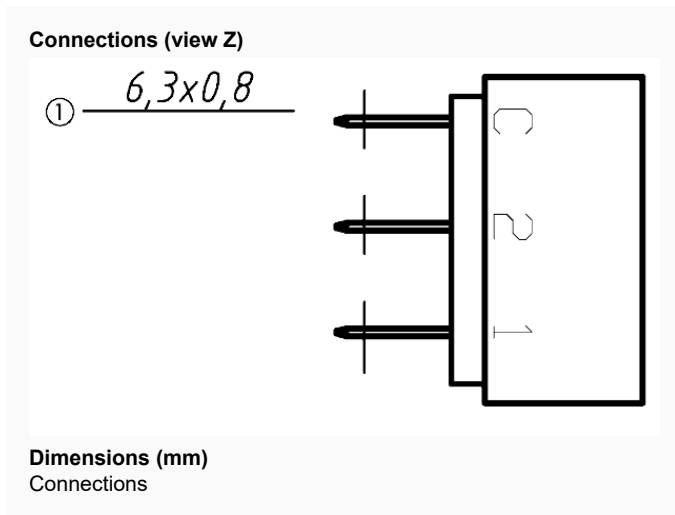
**Contact rating**

NC: AC 250 V, 16 (6) A  
NO: AC 250 V, 6 (4) A

**Options**

- other operating ranges
- other capillary tube lengths
- customised versions

**Technical Drawings**



**Versions**

	Contact	Operating range	capillary length		Part no.
temperature control thermostat TRT TR2/711 EU	Changeover contact	0/90 °C	1500 mm	●	67217X

- in-stock items
- Non-stock items