TM-201A Multifunctional electronic thermometer

The TM-201A multi-functional electronic thermometer can be used in all installations where one or two temperature values need to be measured with a subsequent relay closing or opening action.

○ **Declaration of conformity - TM-201A (PDF 316.4 kB)**

Description

The thermometer is equipped with warning (optical and acoustic) indication.

It can be typically used as a protective thermometer, bistable or differential thermostat. The package does not contain the sensors and power supply.

For the TM-201A, the CP-201T (two pieces in the package) or CP-201T-NW (one piece in the package) temperature sensors are used. The LT-089.06 or DE06-12 power supply units can be used as a 12V power supply.

Technical specifications

Supply voltage	11 V to 17 V DC
Standby consumption/maximum consumption	20 mA/50 mA
Measuring range	-40 °C to 125 °C
Temperature sensor type	NTC 10 kΩ, B25/100 = 3455 K
Operating temperature range	-10 °C to +40 °C
Seasonal space heating energy efficiency	ηS = 1 % (acc. Regulation (EU) No. 813/2013)
Temperature control class	I. (acc. Regulation (EU) No. 813/2013)
OUT output	switching contact, max. 1 A/250 V, resistance load 6 A, protection class II
Acoustic/optical indication	Siren/LED
Ingress protection class	IP 41 (in accordance with EN 60529)
In conformity with	EN 60730-1, EN 61000-6-1, EN 61000-6-3, EN 50581
Recommended temperature sensor	
Type	CP-201T Jablotron (NTC 10 kΩ, B25/100 = 3455 K)

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Measuring range	-25 °C to 105 °C
Sensor accuracy	± 1% at 25 °C, ± 2 °C in the range of -25 °C to 105 °C