

PS3.10 TER Passive Temperature Sensors



TER Passive temperature sensors are designed to measure the room temperature accurately in the room spaces. The NTC10 version have 10K nominal resistance at 25°C temperature.

The sensors are wall mounted and can be mounted onto standard junction boxes with 60mm fixing distances.

Features

- Passive resistive temperature sensors
- NTC10 models have 10KOhms nominal resistance at 25°C and B25/85 of 3,977K
- Attractive wall mounted enclosure
- Fixing directly on a wall or on junction boxes
- Rising Cage Screw Terminals, 0.2 to 2.5mm

Product Part Number

Part Number	Description	Article Number (SKU)
TER-NTC10-B	NTC10K Room Temperature Sensors, B25/85 = 3,977K, Black	8000 0 00 01 00 01
TER-NTC10-W	NTC10K Room Temperature Sensors, B25/85 = 3,977K, White	8000 0 00 01 00 02

Technical Specifications

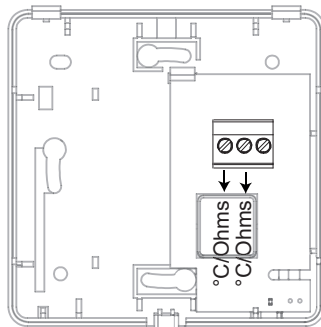
Temperature Measurement:	Sensor:	10kOhm NTC Element
	Nominal Resistance:	10,000 Ohms @ 25°C
Operating Conditions:	Beta Curve:	B25/85: 3,977K+/1%
	Temperature Range:	-30...+70°C
	Humidity Range:	0..95%rh non-condensing
Storage:	Temperature Range:	-30...+70°C
Mechanical:	Wiring Terminals:	Rising Cage Screw Terminals, 0.2 to 2.5mm ² / 26 to 12 AWG
	Enclosure:	ABS ULV0 Plastics - White or Black
	Mounting:	Wall or Junction Box Mounting (60mm screw distance)
	Dimensions	W86 x H86 x D24mm

Resistance vs. Temperature

Temperature [°C]	Resistance [Ohms]
0	32780
5	25460
10	19940
15	15730
20	12500
25	10000
30	8054
35	6528
40	5323
45	4365
50	3600

Wiring

WIRING



Dimensions

DIMENSIONS

