

Thermal sensor TZ

Temperature sensors are made of thermistor NTC embedded in a metal sleeve by thermo-conductive sealer (TZ)

- Sensor TZ: - cable V03SS-F 2Dx0,5mm with silicon insulation
 - suitable mainly for use in extreme temperatures

Technical parameters TZ	
Range:	-40...+125°C
Scanning element:	NTC 12K 2%
In air/in water:	(t65) 62s/8s
In air/in water:	(t95) 216s/23s
Cable material:	silicone
Terminal material:	nickel-coated copper
Protection degree:	IP 67
Protection class:	II (double insulation)

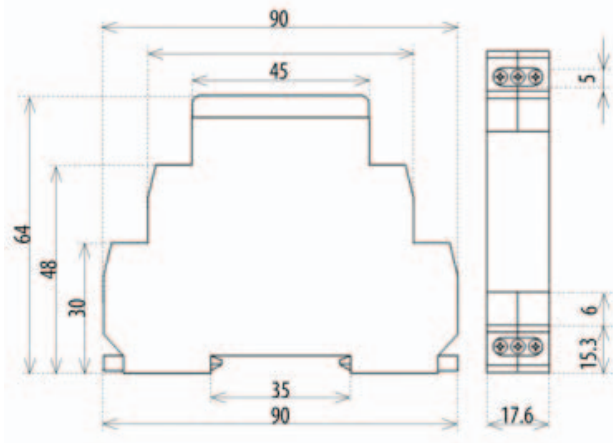
Resistive values of sensors in dependance on temperature	
Temperature (°C)	Sensor NTC (kΩ)
20	14,7
30	9,8
40	6,6
50	4,6
60	3,2
70	2,3

TZ: Thermal sensors for range -40...+125°

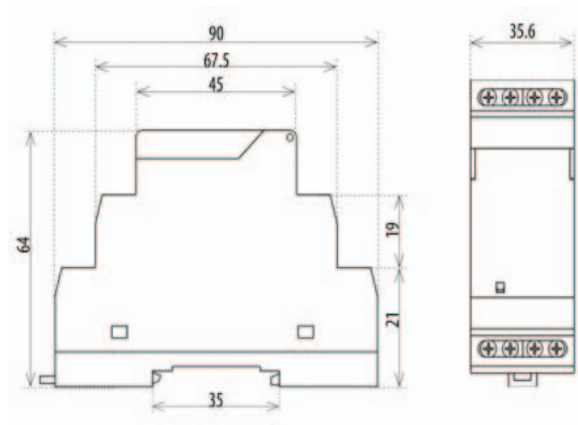
- TZ-0 - Thermo sensor can be connected directly to terminal block (length of the sensor 110mm)
- TZ-3 - Temperature sensor 3m, double isolation silicone
- TZ-6 - Temperature sensor 6m, double isolation silicone
- TZ-12 - Temperature sensor 12m, double isolation silicone

Dimensions

1-module devices



2-module devices



Product loadability

It is valid for following products: CRM-4, SHT-1, MR-41, MR-42, SOU-1, SHT-1/2, SHT-3, SHT-3/2, CRM-42, SMR-B

relay contact 16 A	Load								
						AC1	AC3	AC15	DC1 (24/110/220 V)
AgSNO ₂	2000 W	1000 W	1000 W	750 W	500 W	4000 VA	0,9 kW	750 VA	16A/0,5A/0,35A

It is valid for following products: CRM-93H, SOU-2, HRN-54, HRN-54N, PRI-51, TER-9

relay contact 8 A	Load								
						AC1	AC3	AC15	DC1 (24/110/220 V)
AgNi	500 W	x	x	x	x	2000 VA		375 VA	8A/0,4A/0,25A

It is valid for following products: CRM-91H, CRM-2H, CRM-2T, HRN-33, HRN-34, HRN-35, TER-3

relay contact 16 A	Load								
						AC1	AC3	AC15	DC1 (24/110/220 V)
AgNi	1000 W	x	x	x	x	4000 VA	0,9 kW	750 VA	16A/0,5A/0,35A