ASHE CONTROLS PVT LTD
an ISO 9001:2015 certified company

TM-52

TM-Series Temperature Monitor (Thermostat)



Overview

The ASHE TM-52 is a compact Temperature Indicator with dual relay contact outputs and analog signal retransmission. The instrument can be quickly mounted on a standard DIN Rail in any rack or cabinet for temperature monitoring within the panel.

The instrument has a built in precision temperature sensor which provides an accurate reading of ambient temperature on a two-digit display. The required alarm level may be set on the menu and the instrument provides potential-free relay change over contacts at the set temperature. An analog retransmission signal of 4 to 20 mA DC is available at the output terminals for remote temperature display or monitoring.

The instrument is offered in a highly compact DIN Rail mount execution. The precision temperature sensor is built-in and provides an accurate indicator of ambient temperature.

The temperature monitoring Thermostat unit TM-52 is a useful accessory in any panel or cabinet to ensure that high temperature within the cabinet does not cause harm to the server and other critical equipment. The instrument provides the operator with instantaneous indication of temperature while simultaneously transmitting the temperature value to a remote location for monitoring and also providing a relay alarm in the event of abnormal temperature conditions.

This product is backed by a full two-year warranty, covering all manufacturing defects and workmanship issues under normal operating conditions.

Specifications

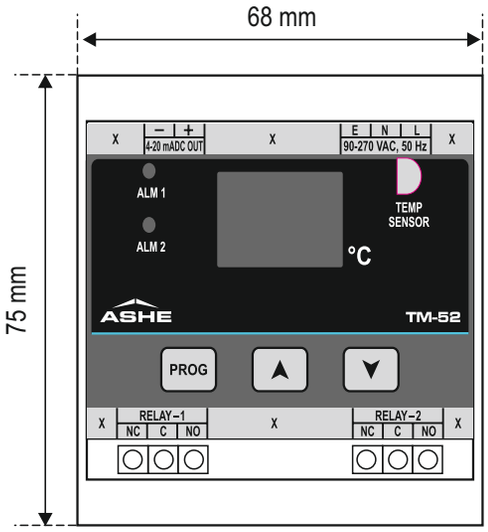
Model	ASHE TM-52
Type	Temperature monitoring unit with relay contact and retransmission.
Input	Precision Electronic built-in sensor.
Control Output	Dual Relay change-over contact.
Contact Rating	5A @ 230 VAC.
Retransmission	4 to 20 mA DC.
Load Driving Capacity	600 Ohms.
Setting	By three-key front keypad.
Indication	Two-digit temperature readout.
Display Type	Red LED seven-segment display.
Over-range Indication	Red LED's for alarms.
Power Supply	90 to 270 VAC, 50/60 Hz.
Dimensions	68 x 75 x 50 mm (H x W x D).
Execution	DIN-Rail Mounting.
Operating Temperature	0 to 55^0 C.

Features

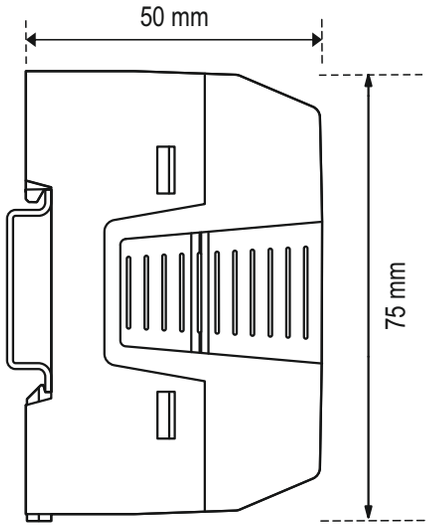
- Slim compact and rugged execution
- Precision temperature indication
- Provision to set alarm levels
- Dual Relay change over contacts for alarm conditions
- Analog signal retransmission of temperature value
- Standard DIN-Rail mount execution
- Built in precision electronic temperature sensor
- High load driving capacity of retransmitted signal
- Universal AC power supply
- Industrial grade enclosure
- Bright red digital temperature readout
- LED indication for temperature alarm conditions
- Easy set-up with front keypad
- Two-year Performance Warranty
- Proven track record of successful site installations

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Dimensional Diagram



FRONT VIEW



SIDE VIEW

How To Order

	TEMPERATURE MONITOR	**TM-5-**					
	Configuration and add-on options						
1	**CONTROL RELAYS**						
▸	No Relay		0				
▸	Two Relay		2				
2	**POWER SUPPLY**						
▸	AC Voltage 230 VAC, 50/60 Hz			A			
▸	DC Voltage 24 VDC (±10%)			D			
3	**RETRANSMISSION**						
▸	Retransmission required				R		
▸	Retransmission not required				N		
4	**EXECUTION**						
▸	DIN Rail Mounting					D	

Our Other Products


FLOW TOTALIZER


SIGNAL ISOLATORS & TRANSDUCERS


TEMPERATURE SCANNER


FLAMEPROOF INSTRUMENTS


STATIC POWER SWITCHES

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