ASHE CONTROLS PVT LTD
an ISO 9001:2015 certified company

TM-50

TM-Series Temperature Monitor (Thermostat)



RoHS Compliant

MAKE IN INDIA

Overview

The ASHE TM-50 is a compact Temperature Indicator with relay contact output 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 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 a potential-free relay change over contact at a 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 indication of ambient temperature.

The Temperature monitoring unit TM-50 is an 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	TM-50
Type	Rack Temperature monitoring unit (Thermostat) with relay contact and retransmission
Input	Electronics built-in sensor
Control Output	Relay change-over contact
Contact rating	2A @ 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	Red LED seven-segment display
Over-range Indication	Red LED for alarm.
Power Supply	90 to 270 VAC, 50/60 Hz.
Dimensions	75 x 22 x 110 (H x W X D)
Execution	DIN Rail Mounting
Ambient Temperature	0 to 55^0 C.

Features

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