MARINE SERIES CONVENTIONAL THERMAL DETECTOR

AE/M-T

Description

Thermal detector recommended for environments with high humidity.

It has an open casing that allows air to flow freely through a thermal probe that measures the air temperature every two seconds. The microprocessor stores the recorded temperatures and compares them to preset values to determine if the alarm level limit has been reached. Static heat detectors respond only when the preset temperature has been reached.

Heat detectors are used in areas where smoke detectors are not adequate and there is a danger of false alarms.

Marine AE/M-B Series Base

Designed for quick and easy installation. The base must be fixed to the ceiling respecting the mark on the outside that indicates the position of the LED.

- Grouped terminals for easy wiring
- Multiple fixing centers
- LED alignment mark
- Wire Stripping Guide

TECHNICAL CHARACTERISTICS

Sampling rate:	once every four seconds
Supply voltage	8.5 V DC to 33 V DC
Power wiring	Two-wire power, polarity sensitive
Maximum polarity inversion	200 ms
Ignition time	< 20 seconds
Minimum active detector voltage	6 V
Inrush current at 24 V	95 µA
Average quiescent current at 24 V	95 µA
Alarm current	12 V: 20 mA 24V: 40mA
Alarm load	600 Ω
Holding voltage	5 V - 33 V
Minimum holding current	8 mA
Min voltage on alarm LED	5 V
Alarm reset voltage	< 1 V
Alarm reset time:	one second
Alarm indicator:	Integral indicator with 360º visibility
Remote Output LED (-)	1.2 kΩ connected to power negative
Operating and storage temperature	-40ºC to +70ºC
Humidity (no condensation or frost)	0% to 98% RH
IP Rating	IP23D
Standards and approvals	EN54-5, EN54-7, MED, LR, DNV-GL, BV, ABS, CCS, KRS and CRS
Dimensions	97 mm diameter x 36 mm height 100 mm diameter x 51 mm height with base
Weight	70g 130g with base
Materials Housing:	White fire retardant polycarbonate
Terminals:	Nickel-plated stainless steel

DIMENSIONS