

CONVENTIONAL HEAT DETECTOR



FAST
RESPONSE



RELIABLE
DETECTION



EASY
INSTALLATION



DURABLE
DESIGN



Model No. **MS-0017**



DESCRIPTION

Heat detectors use a fast response thermistor based design to provide temperature sensing that quickly, accurately and consistently identifies when the ambient temperature exceeds the fixed temperature threshold. For Type A and Type C detectors, rate-of-rise detection is achieved by comparing the response of two thermistors, one of which has a slower thermal response. By combining accurate thermistors with proper physical placement, this patented rate-of-rise detection design achieves a high level of detection performance.



SPECIFICATION

Voltage range	16-32 VDC
Alarm current	10-100mA
Quiescent	40uA @ 24VDC
Operating temperature	0°C to +49°C
Humidity	<95% RH
Coverage	3 sq. meters
Connection	2-wire
Product size	106 x 106 x 52 mm
Negative temperature coefficient	Thermistor



FEATURES

- Dual LED design provides 360° viewing
- Alarm flag for fast alarm reporting
- Electronics-free base
- Responds well to slow burning, smoldering fires
- Easy installation, removable innovative sensing chamber, easy for maintenance
- Well suited for bedrooms and escape routes
- Reliable fire detection in areas with a wide temperature range from -10°C to +60°C



APPLICATION AREAS



Commercial
Buildings



Residential
Buildings



Hotels



Hospitals



Schools



Industrial
Units



Warehouses