

Conventional Heat Detector

● Model : OT102

Compatible with All Panels

Compatible with all conventional fire alarm control panels

Dual LEDs

Two LEDs blink standby, provide 360° visibility

High Precision Electronic Thermistor

Engineered to sense temperature quick and accurate

Unpolarized Wire Input

To prevent the likelihood of wiring errors



General Description

The device uses intelligent sensors with a state-of-the-art thermistor sensing circuit for fast response. These sensors are designed to provide open area protection with 50-foot spacing capability. The device is a rate-of-rise temperature sensor with a 135°F fixed temperature alarm.

The detector is a rate-of-rise with fixed temperature alarm thermal detector utilizing a state-of-the-art dual thermistor sensing circuit. These detectors are designed to provide open area protection with 50-foot spacing capability, and are to be used with compatible control panels only.

Two LEDs on each detector light to provide 360° visibility of the detector indication.

Features and Benefits

- Compatible with all the conventional fire alarm control panel
- Unpolarized wire input
- Wide range of operating voltages
- High precision electronic thermistor
- Built-in microprocessor intelligent software
- Two LEDs blink standby, provide 360° visibility
- Insect-resistant screening
- Twist-on mounting base with tamper lock
- Remote Indicator LED can be connected

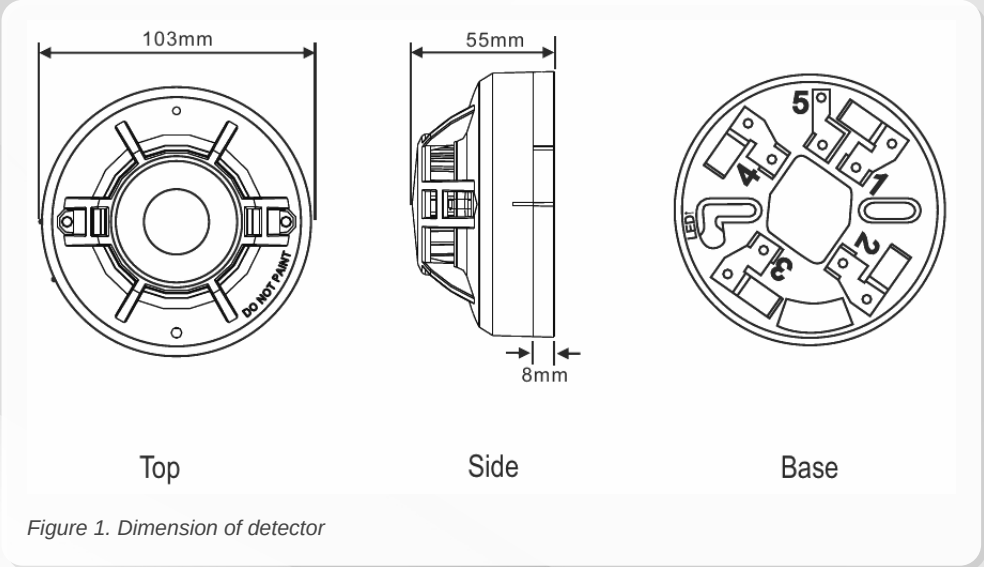


Conventional Heat Detector

Technical Specifications

Diameter	103 mm
Height (including mounting base)	55 mm
Weight	155 g
Operating temperature range	-10°C to 50°C
Operating humidity range	10% to 93% RH, noncondensing
Latching alarm	Reset by momentary power interruption
Electrical Ratings	
System voltage (nominal)	24 VDC (9V ~ 28 VDC)
Standby current	40 µA @ 24 VDC
Alarm current	30 mA @ 24 VDC
Fixed temperature rating	57°C (135°F)
Rate of rise detection	Responds to greater than 15°F/min

Dimensions

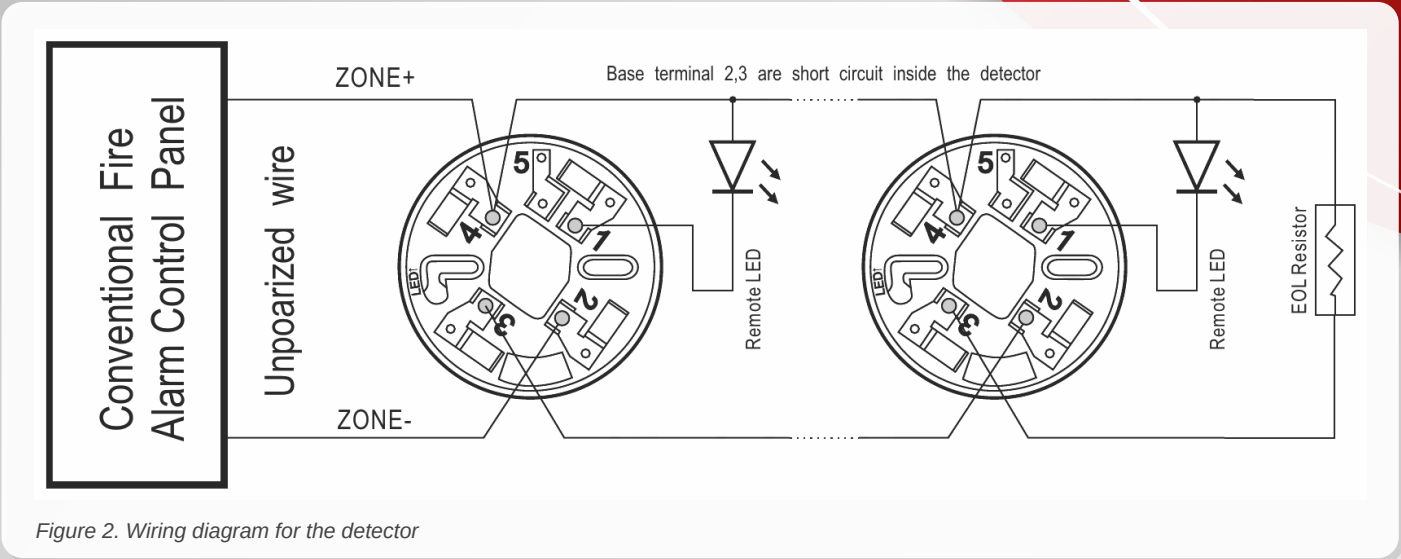


Installation Guidelines

All wiring must be installed in compliance with the National Electrical Code, applicable state and local codes, and any special requirements of the local Authority Having Jurisdiction.

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Wiring Diagram



Ordering Information

Part Number	Pack Quantity	Dimensions (w x d x h mm)	Weight
OT102	Individual (1 unit)	103 x 103 x 55	155 g

Distributed by:

