4 Wire Conventional
Heat Detector
R-6602

CE

Description

R-6602 Conventional Heat Detector checks ambient temperature with the sensitive feature of thermo-sensitive elements. With a built-in SCM, it's fixed with highly reliable fire judging program. The detector is non-addressable and can start operation by applying DC power. It has a pair of output contact, which is broken in normal and closes and remains closed after alarming, and the indicator on the detector is lit. It can be reset after power cut. The detector adopts orientation base, with only one mounting mode.
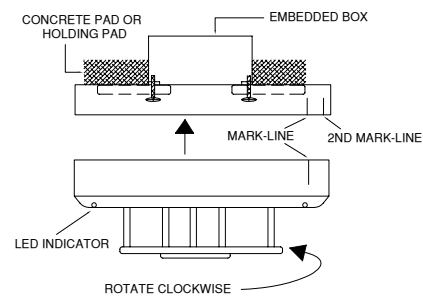
Features and Benefits

- 12 Vdc power conventional detector
- Built-in N/O contact
- Fixed Temperature
- Single LED
- Low profile design
- Suitable for security system

Technical Specifications

- Operating Voltage:12V (9.6VDC~14.4VDC)
- Operating Current: Standby Current<1mA
  Alarm Current<20mA
- Alarm Reset: Instantaneous Cut-out
  (5s MAX, 2.5VDC MAX)
- Power-up Time≤10s
- Response Threshold: 0.10dB/m-0.21dB/m
- Output Control Mode: Passive normally open, closes and self-locks after alarming, and contact rated capacitance (1A, 30VDC)
- Indicator: Red, not lit in normal operation, and constantly lit when alarming.
- Operating Environment: Temperature: -10°C+50°C@95%
- Ingress Protection Rating: IP22
- Material and Color of Enclosure: ABS, ivory white
- Weight: 119g
- Mounting Hole Distance: 45mm~75mm
- Wiring: 2 pair polarized
- Dimensions: diameter 10cm; height 5cm

Detector Installation

It is installed onto a standard one gang electrical box with a mounting hole that have 6.5cm spacing. Point the detector in the base by the mark-line and secure the detector in that position by rotates it clockwise until it reaches the next mark line.

CONCRETE PAD OR HOLDING PAD — EMBEDDED BOX — MARK-LINE — 2ND MARK-LINE — LED INDICATOR — ROTATE CLOCKWISE

Wiring and Connection

The cable must be fire rated type and the size depends on the distance and application. Minimum size gauge 1.0mm² (18 AWG).

Ordering Information

Part Number: R-6602
Description: Conventional Heat Detector, 12VDC Power, N/O Relay Output
Weight / Kg.: 0.123
Pack Qty. per Box: 100

Accessories

Part Number: DZ-03
Description: Standard Detector Base
Weight / Kg.: 0.050
Pack Qty. per Box: 300

MANUFACTURED IN ACCORDANCE WITH

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D A T A   S H E E T
Note: Specifications are subject to change without notice.