

Conventional Optical Smoke Detector R-6601



Features and Benefits

1. 12 Vdc power conventional detector
2. Built-in N/O contact
3. Sensing chamber for exceptional dust proof ability
4. Single LED
5. Low profile design

Description

With the technique of scattering, the detector's reliability, stability and consistency are improved. The special chamber design ensures the insert-defend, dirt-defend and anti-light disturbance.

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.

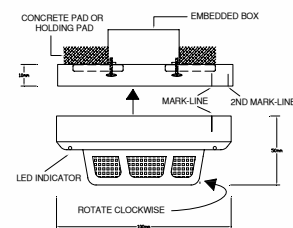
Technical Specifications

- Operating Voltage: 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.

- Monitoring Area: When space height is 6m-12m, the monitoring area of a detector is 80m² for normal protection area; When space height is less than 6m, it is 60m².
- 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.



Wiring and Connection

Connect the wires to the required terminal according to the wiring diagram. 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 No	Description	Weight/ Kg	Pack Qty per Box
R-6601	Conventional Optical Detector, 12-28VDC Power, N/O Relay Output	0.123	120

MANUFACTURED IN ACCORDANCE WITH



Note: Specifications are subject to change without notice.

GST England Lion Court, Staunton Harold Hall, Melbourn Road, Ashby de la Zouch, Leicestershire, England LE65 1RT Tel: +44 1283 225 478 Fax: +44 1283 220 690

GST Dubai ZA04, Jebel Ali Free Zone, P.O.Box 17998, Dubai UAE
Tel: +971 (0)4 8833 050 Fax: +971 (0)4 8833 053

GST China 80, Changjiang East Road, Economic & Technology Development Zone Qinhuangdao, Hebei, China Tel: +86(0)335 850 2383 Fax: +86 (0)335 850 7588



www.gst.uk.com
info@gst.uk.com