

R6602

Conventional Heat Detector



Description

The conventional heat detector may monitor environment temperature through NTC sensor. In case of high temperature level or rapid temperature increasing, the detector will alarm, the dry contact output will send out fire signal to relative equipment.

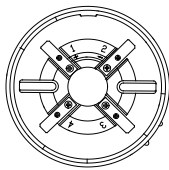
Terminals

The detector is installed onto standard base DZ-03.

2 & 4: Power supply, non-polarized

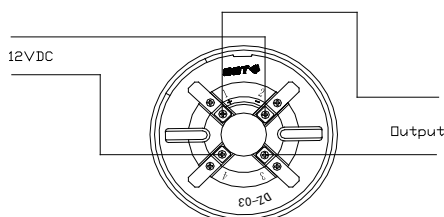
1 & 3: Relay output, normally-open

1.0mm² or above fire cable is recommended, but subject to local codes.



Application

The typical connection of R6602 is shown below.



Technical Specification

Operating Voltage	12VDC (9.6VDC ~ 14.4VDC)
Standby Current	≤1mA
Alarm Current	≤20mA
Indicator	Red. Quiet in polling. Illuminates in alarming.
Alarm Clear	Instantaneous Power-off (5s MAX, 2.5VDC MAX)
Power-up Time	≤10s
Action temperature	58°C
Responsive Velocity	3°C/Min
Output control type	Volt-free normally open
Output capacitance	30VDC/1A
Ingress Protection Rating	IP33
Environmental Temperature	-10°C ~ +50°C
Relative Humidity	≤95%, non condensing
Material and Color of Enclosure	ABS, white (RAL 9016)
Dimensions	Diameter 100mm Height 58mm (with base)
Mounting Hole Distance	45mm ~ 75mm
Weight	120g

Order Information

Part No.	R6602
Device Name	Conventional Heat Detector
Product No.	10102369

Variant Models

Part No.	Product No.	Property
R6602	10103161	Normally-closed output