## R6602 <br> 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
$1.0 \mathrm{~mm}^{2}$ or above fire cable is recommended, but subject to local codes.


## Application

The typical connection of R6602 is shown below.


## Technical Specification

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

## 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 | pursuing the improvement of product technology to improve product performance, for which we reserve the right to adjust the configuration and technical information of the related products without notice. In addition, the description of system performance in this publication applies only to the usual situation. As a result, there may be a variety of unpredictable special circumstances in the real world, so the realization of the relevant product performance will depend on the professional investigation and analysis and the design plan. Please contact us and we will be happy to provide you with professional advice.

