

Rate of Rise Heat Detector



YRD-01

ISO 9001 certificated CE

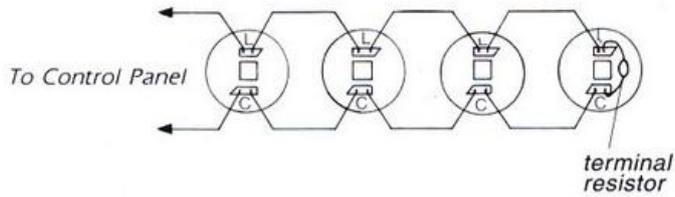
DESCRIPTION

The rate-of-rise heat detector is designed to sense the rapid or abnormal temperature rising. If ambient temperature rises rapidly, the air in chamber expands and pressed the metal sheet to connect the contact point and give advance warning. When a slower temperature change occurs, the expanded air escapes through a hole to keep the pressure balance so that the fault alarm never occurs.

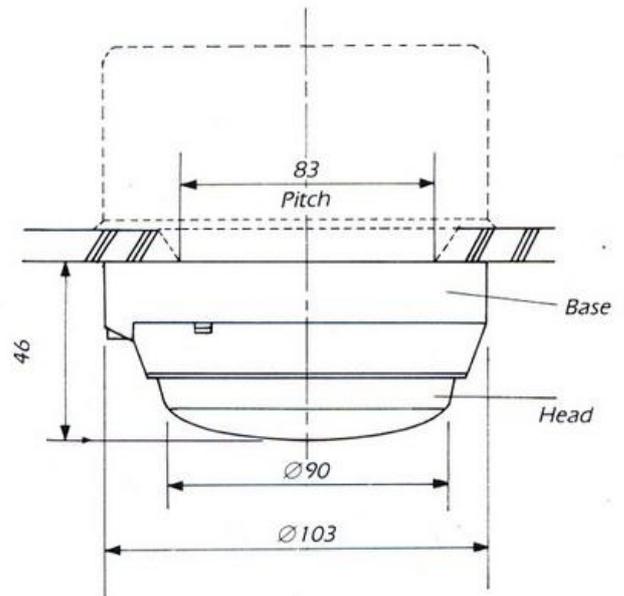
ADVANTAGES

- Rate-of-rise heat detector is quickly responding to rapid temperature increases fire.
- Mechanical operation principle ensure the long-term durability and the least malfunction.
- Automatically back to original status after activated to ensure repeated use.
- Adopt high quality components for greater performance reliable.
- Red indication lamp lights when detector us activated.
- High-temperature-enduring plastics and fire-proof material are used to build up the main body of the detector.
- The base is in common with other detectors made in this company for the facilitation of installation.
- Connections are non-polarized to avoid wiring mistakes.

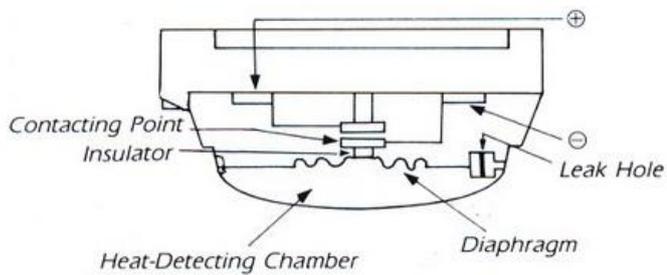
WIRING AND CONNECTION



MOUNTING STATUS



OPERATION PRINCIPLES



SPECIFICATION

Rated Voltage	DC-24V
Working Voltage	DC-18V ~ DC-30V
Current at Normal Condition	0 μ A
Current at Alarm Condition	Max. 100 mA
Testing Ambient Temp.	- 10°C ~ 50°C

Weight	158g
Colour	White
Operating Mode	Always Open Type
Contact Point	Pure Silver
Body (Plastic)	PC-ABS

- Sensitivity: When Exposed in Air-Stream of 0.85m/sec. and 30°C higher than ambient temperature, 15 sec. (nominal).

DISTRIBUTOR: