

AT-FA-CHD103

Conventional Heat Detector

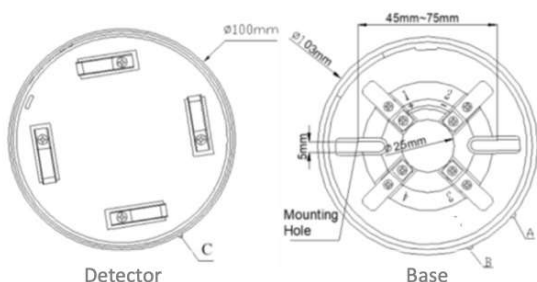


AT-FA-CHD103 The Conventional fire detector set new standards in fire detection technology. The detector is characterized unique construction, stable & reliable performance, especially suitable for places with sharp temperature rise in case of fire.

It works better in detection fire reliably & reducing loss when used with smoke detectors.

Recommended Cabling & Typical Connections

1.0mm² or above twisted pair cable is recommended, All cables should be subject to local codes



There are four terminals with marks on the base.

- 1.Positive In
- 2.Positive Out
- 3.Negative In and Out
- 4.Mounting only, no connection

The base is suitable to be installed onto standard European embedded back box, with hole distance 45mm to 75mm

- Integrated algorithm for analyzing fire, improving the sensitivity highly
- Drift compensation to suit environment changing extensively
- Unique chamber design well protection from insects, dust and light interference
- Removable sensing chamber, easy for maintenance
- Self-diagnostic

Technical Specification

Operating Voltage	12-28VDC
Standby Current	≤60μA
Alarm Current	10mA~30mA
Indicators	Red. Quiet in normal condition. Illuminates steadily in alarm.
Alarm Clear	Instantaneous Power-off (5s Max., 2.5VDC Max.)
Power up Time	≤10s
Category	Class-A1R & Class-BS
Wiring	Polarized 2-core
Protection Area	20m ² ~30m ² when the space height is less than 8m
Operating Temperature	Class-A1R: Typical application temperature 25°C; range -10°C~50°C Class-BS: Typical application temperature 40°C; range -10°C~65°C
Relative Humidity	≤95%, non condensing
Ingress Protection Rating	IP33
Enclosure	ABS, ivory white
Dimensions	Diameter: 103mm Height: 58mm (with base)
Mounting Hole Distance	45mm~75mm
Weight	About 120g