

AT-FA-CHD103

Conventional Heat Detector

DESCRIPTION

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.



FEATURES

- 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

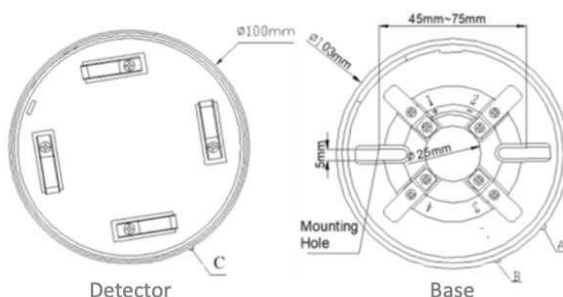
RECOMMENDED CABLING & TYPICAL CONNECTIONS

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 45 mm to 75 mm



FIRE ALARM SYSTEM

TECHNICAL SPECIFICATION

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