ATSONTECH®

AT-FA-CSD101

Conventional Smoke Detector

- Photoelectric Smoke Detector
- 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
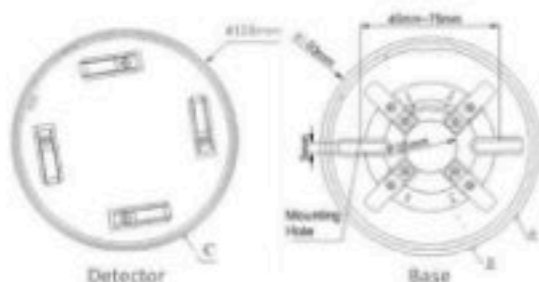- Removable sensing chamber, easy for maintenance
- Self-diagnostic

AT-FA-CSD101 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.

Technical Specification

Operating Voltage	24VDC
Standby Current	≤150µA
Alarm Current	10mA-30mA
Maximum Ripple Voltage	4V (Peak)
Indicators	Red. Flash in normal status and constantly lit during alarming.
Alarm Clear	Instantaneous Power-off (10s Max., 2.5VDC Max.)
Power-up Time	≤10s
Max. Wind Speed	7.6m/s (1500fpm)
Wiring	Polarized 2-core for zone cable
Ambient temperature	-10°C - +50°C
Relative Humidity	≤95%, no condensation
Ingress Protection Rate	IP23
Enclosure	ABS, ivory white
Dimensions	Diameter: 100mm Height: 55mm (with base)
Mounting Hole Distance	45mm - 75mm
Weight	About 120g

Recommended Cabling & Typical Connections

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

Detector   Base

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

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