ATSONTECH_®

AT-FA-ASD102

Addressable Smoke Detector



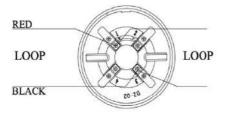
AT-FA-ASD102 The Addressable smoke detector set new standards in fire detection technology.

The detector is characterized unique construction, stable & reliable performance.

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

Cable Recommendation

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



These 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

- 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

Technical Specification

Operating Voltage	Loop 24V (16V~28V)
Standby Current	≤0.8mA
Alarm Current	≤1.8mA
Indicators	Red. Flashes in normal condition, and
	Illuminates in alarming
Programming Method	Electronically Programming
Code Range	One address within 1~242
Wiring	Non-polarized 2-core for loop.
Protection Area	80m² when the space height is
	6m~12m, or an area of 60m² when
	the space height is less than 6m.
Ingress Protection	IP23
Rating	
Ambient Temperature	-10°C ~ +55°C
Relative Humidity	≤95%, no condensation
Material and Color of	ABS, ivory white
Enclosure	* *
Mounting Hole Distance	45mm~75mm
Weight	About 120g
Dimensions	103mm (D) x 55mm (H) With Base