

## AT-FA-CSD101

Conventional Smoke Detector

### DESCRIPTION

**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 dire reliably & reducing loss when used with smoke detectors.



### FEATURES

- 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

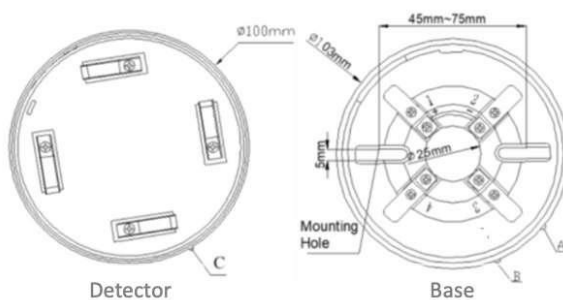
### RECOMMENDED CABLING & TYPICAL CONNECTIONS

1.0mm<sup>2</sup> 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  $\leq \mu^\circ$



# FIRE ALARM SYSTEM

## TECHNICAL SPECIFICATION

<i>Operating Voltage</i>	24VDC
<i>Standby Current</i>	≤150 μA
<i>Alarm Current</i>	10mA~30mA
<i>Maximum Ripple Voltage</i>	4V (Peak)
<i>Indicators</i>	Red. Flash in normal status and constantly lit during alarming
<i>Alarm Clear</i>	Instantaneous Power-off (10s Max., 2.5VDC Max)
<i>Power-up time</i>	≤10s
<i>Max. Wind Speed</i>	7.6m/s (1500fbm)
<i>Wiring</i>	Polarized 2-core for zone cable
<i>Ambient temperature</i>	-10°C - +50°C
<i>Relative Humidity</i>	≤95%, non condensing
<i>Ingress Protection Rate</i>	IP23
<i>Enclosure</i>	ABS, ivory white
<i>Dimensions</i>	Diameter : 100mm Height : 55mm (with base)
<i>Mounting Hole Distance</i>	45mm – 75mm
<i>Weight</i>	About 120g