

Series 700 PTH

MODEL: AS-707-PTH

The conventional Multisensor detectors are designed to work with all conventional panels. These detectors are low profile, dual LED's, for 360° visual indication. The blinking LED's indicate normal operating conditions whereas the LED's in steady state to indicate fire status. AS-707-PTH is a fixed cum Rate Of Rise heat detector works using a Dual thermistor. These detectors will raise an alarm when the detector reaches 59°C (Fixed).

Features

- Dual LED's for 360° visibility.
- Advanced detection technique.
- Easy to install.
- Sleek low-profile housing design.
- Regular 100mm base.

Technical Specification:

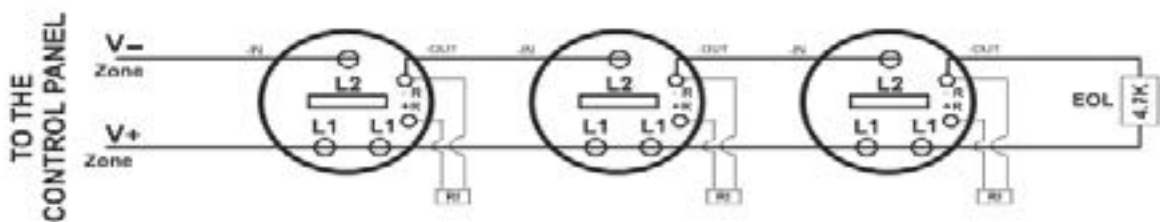
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|---------------------------|------------------------------|
| • Operating Voltage | 12~28VDC. |
| • Reset Voltage | Less than 1V. |
| • Standby Current | 100-120µA. |
| • Startup Time | 60Sec |
| • Alarm Current | 28mA (max). |
| • Remote Output | 15mA maximum open collector. |
| • Thermal Rating | 59 °C (138F) Approx |
| • Smoke Sensitivity | (1.9±0.76)%/ft obscuration |
| • Air Velocity | 0-4000fpm. |
| • Environment Temperature | -10 °C to 37.8 °C |
| • Storage Temperature | -10 °C to 60 °C |
| • Humidity | 0-95%RH, non-condensing. |
| • Blinking Cycle | 15Sec. |
| • Installation Space | 7meters. |



Mechanical Specification:

- Dimension 60H with base x100 D (mm) Approx
- Weight 130g with base Approx
- IP Rating IP42

Wiring Diagram:



Notice:

1. The detector can not be installed under worse environment e.g. Coldest and dusty. Do not remove the dust proof cover until use the detector.
2. Make sure that there is no block within 0.5m form detector .
3. Keep the distance between detector and wall more than 0.5m.
4. Detector should be install Horizontally. If need, to be installed slantingly please keep the angle less than 45 degrees.
5. Make sure the distance between detectors be less than 3.5m. And the distance between detector and corner must be less than half of the one between detectors.
6. Detectors base be installed solid. Wire connection must be reliable.
7. Recommendations should be carried out every six months a simulated fire test, the detectors are working properly.
8. For various reason like change in environmental condition, electric disturbance and tampering, the product may not perform as expected. The user is advised to take all necessary precautions for his/her safety and protection of his/her property.