DATA SHEET

Addressable intelligent Heat Detector

Model - AA101HD

Features:

- Ulra Sensitivity

- Real time temperature info

- Electrical supervision

- Soft addressing

- Corrosion protection

- Remote sensitivity alteration

- Remote test facility

- Bi-colour LED to indicate healthy and alarm condition

- Transient voltage protection up to 2.4KV

Complied with:
UL 521-7th Edition
EN 54-Part 5
IS   2175

Airlight Addressable Heat Detector:

1.Continuous Temperature Monitoring:
Addressable heat detectors continuously monitor the temperature in their surroundings.

2.Rapid Temperature Increase Detection:
They activate when abnormal or rapid temperature increases are detected.

3. Real-time Data Transmission   :   Upon detection, these detectors promptly transmit real-time temperature data, along with their unique ID, to the control panel.

4. Pre-Alarm Activation: The control panel is triggered to initiate a pre-alarm based on the received temperature data.

5. Temperature Display: The temperature detected by the addressable heat detector is displayed on the touchscreen, providing important information for rescue support staff to take appropriate action.

6. Digital Communication: Addressable heat detectors function as digital devices, allowing for communication between the control panel and individual detectors.

7. Adjustable Settings: Various settings can be adjusted, such as sensitivity levels, control functions, and the ability to set and change IDs for easy identification and management.

8. Enhanced Flexibility and Customization: Addressable heat detectors offer greater flexibility and customization options compared to conventional detectors, allowing for a more tailored and efficient fire detection solution.

Electrical specifications

Operating voltage	18-24V DC
Quiescent current	200uA
Alarm current	1 mA

General specifications

Thermal sensitivity	20ºC to 60°C
Operating temperature	-10ºC to 55ºC
Storage temperature	-10ºC to 60ºC
Humidity	0-95% RH (Non-condensing)
Colour	White
Housing	Polycarbonate
Contact Clamp	Stainless steel

Indications

Normal indicator	Green LED (Blinks during scan)
Alarm indicator	Red LED (Glows steady)

www.airlight.in

All technical features and datas are subject to change without notice resulting from continuous development and improvement

DS-A02-V1-19/07/2023