

Wireless Addressable Heat Detector

Model - AW103HD

Features:

- Rate of rise and fixed temperature detection
- Corrosion protection
- Bi-colour LED to indicate healthy and alarm condition
- Dual LED for 360 degree viewing
- Low battery warning



Overview

The primary purpose of the AW103HD wireless Addressable Heat Detector is to measure the temperature presence in its surveillance area. It triggers an alarm signal to the fire panel in the case of a sudden rise in temperature or abnormal temperatures.

This wireless device communicates with the control panel at a frequency of 433.92 MHz. The unit is powered by a built-in AA battery. When the battery power is low, it communicates with the control panel to alert for replacement. This unit is mainly used in situations where wiring is not feasible.

DATA SHEET

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Electrical specifications

Operating voltage	3V DC
Quiescent current	3 μ A
Alarm current	1 mA
Battery type	2x1.5V AA size Battery
Carrier frequency	433.92 MHZ

General specifications

Thermal sensitivity	20°C to 60°C
Operating temperature	-10°C to 55°C
Storage temperature	-10°C to 60°C
Humidity	0-95% RH (Non- condensing)
Colour	White
Housing	Polycarbonate
Life time of battery	18 Months

Indications

Normal indicator	Green LED (Blinks 50+/-10 sec)
Alarm indicator	Red LED (Glows steady)