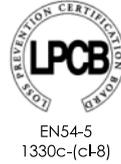


FL-433/HD

Intelligent Addressable Dual Heat Detector



Features and Benefits

- EN 54-5:2000 + A1:2002 Certified
- LPCB Approved
- Using microprocessor technology with memory capacity up to 10 events
- Analogue sensor and digital addressing
- Provide real time algorithm to the control panel
- 360-degree visual indicator
- Onsite Adjustable Parameter
- Ancillary remote indicator output
- Aesthetically pleasing design

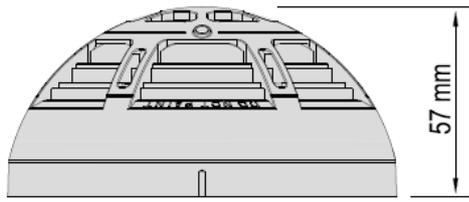
Overview

The FL-433/HD Intelligent Fixed and Rate of Rise Heat Detector is reliable for application in places where may have high dust level or smoky environments, making a normal smoke detector undesirable. The FL-433/HD is manufactured based on the sensitivity requirement of EN 54 part 5, European Standard. The unit is aesthetically pleasing with unobtrusive design that will complement modern building designs. The unit incorporates an intelligent processor that provides inbuilt A/D converter, and Self-Diagnosis and History log.

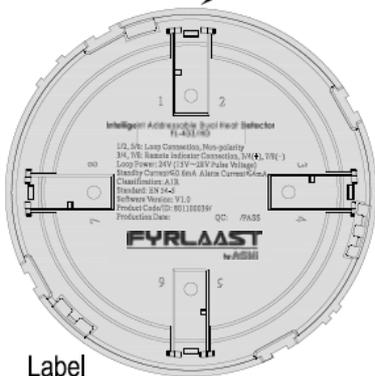
In the event of fire, the integral microprocessor analyses the signal according to factors such as signal strength and rate of increase, then confirms these patterns with the pre-programmed fire scenarios, heat patterns including rate of rise temperature patterns, for a faster and safer response. Once it is confirmed, the LED indicates the sensor status and parallel sending communication signal to the control panel. The FL-433/HD detector is compatible to the FL-4000 series of Analogue Intelligent Fire Alarm Control Panels.

Technical Specification

Listed	LPCB
Certified	EN 54-5:2000 + A1:2002

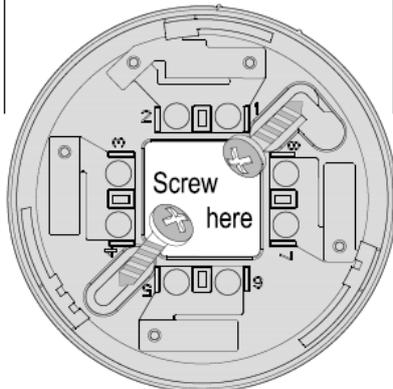


Detector Ø 95,33mm



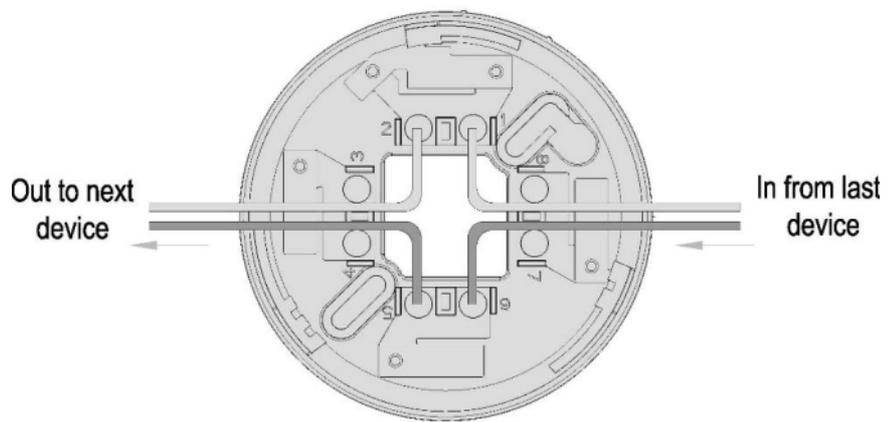
Label

Ø 99,7mm



Standard Base

Heat Detector	
Input Voltage	24VDC [16V to 28V]
Current Consumption	Standby 0.6mA, Alarm: 4mA
Protocol/Addressing	Agni / Value ranges from 1 to 254
Memory Retention	Duration of 20 years
Heat Class Type	A1R
Sensitivity	As per stipulated standard
Indicator	Single LED / 360-degree Visual



Physical	
Material / Color	ABS / White Glossy finishing
Dimension / Height	Diameter 99.7 mm / 57 mm
Weight	127g (with Base), 72g (without Base)
Operating Temperature	-10°C to +50°C
Humidity	0 to 95% Relative Humidity, Non condensing

Ordering Information:

FL-433/HD	LPCB Approved. Intelligent Addressable 2 in 1 Heat Detector, With Self-analysis and evaluation, automatic drift compensation, Class-A1R, Remote Indicator Output, White color without base. Certified EN 54-5:2000 + A1:2002
FL-433/SB	Common Detector Base for all FL-series addressable detectors