MX110

INTELLIGENT ADDRESSABLE HEAT DETECTOR (FT / ROR)

CE

LPCB
1330c-(cl-1)

Features and Benefits

- EN 54-5:2000 + A1:2002 Compliance
- 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 MX110 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 unit is manufactured base 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 MX110 detector is compatible to the MX004 Analogue Intelligent Fire Alarm Control Panel, produced by single manufacture to avoid addressable communication compatibility problem.

Multron Systems Pte Ltd
217 Kallang Bahru, Multron Building
Singapore 339 347
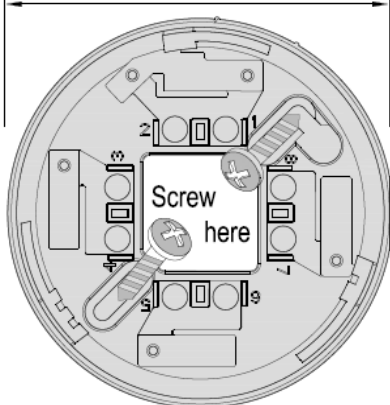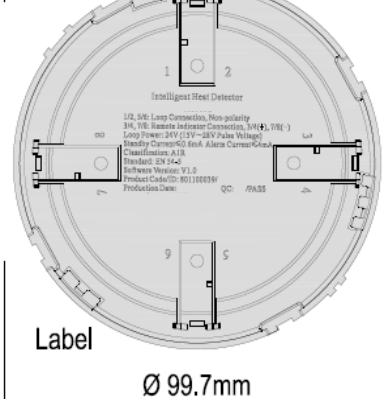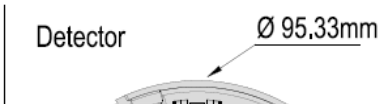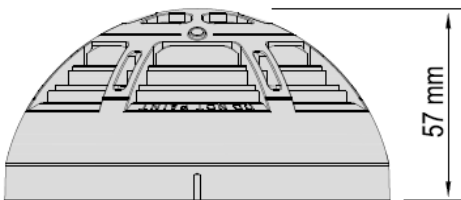☎ : (65) 6395 6868
🖷 : (65) 6395 6869
✉ : info @ multron.com.sg

Technical Specification

Listed Compliance	LPCB / CE-CPR	
	EN 54-5:2000 +A1:2002	
Input Voltage	24VDC [16V to 28V]	
Current Consumption	Standby : 0.6mA	Alarm : 4mA
Protocol/Addressing	Proprietary	Value range from 1 to 254
Heat Class Type	A1R	
Indicator	Single LED, 360-degree Visual	
Material / Colour	ABS, White Glossy finishing	
Dimension	Ø 99.7 mm x 57mm Height	
Weight	127g (with Base)	72g (without Base)
Operating Temperature	-10°C to +50°C	
Humidity	0 to 95% Relative Humidity, Non condensing	
Ingress Protection	IP42	

57 mm

Detector

Ø 95.33mm

Label

Ø 99.7mm

Screw here

Standard Base

Terminal Description

1 **Signal In (+)**
2 **Signal Out (+)**
3 **Remote Indicator (+)**
4 **Remote Indicator (+)**
5 **Signal In (-)**
6 **Signal In (-)**
7 **Remote Indicator (-)**
8 **Remote Indicator (-)**

Out to next device

In from last device