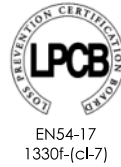


FL-433/IB

Line Unit
Isolator Base



Features and Benefits

- EN54-17:2005 Certified
- LPCB Approved
- In the event of a short circuit isolates faulty parts of the loop.
- Automatically resetting once the fault has been cleared
- Can monitor up to 70 devices
- LED status indicator
- Loop powered device
- Aesthetically pleasing design
- Surface mounting installation

Overview

The FL-433/IB is manufactured based on the requirement of EN 54 part 17, European Standard. In the event of short circuit on the detection loop the FL-433/IB Isolators either side of the loop will detect the problem and open circuit and isolates the faulty part of the loop, enabling other devices on the unaffected part of the loop to operate normally. The base mount short circuit isolator will continue to monitor for the fault to be repaired, once the fault is cleared the isolator will automatically reinstate the effected part of the loop.

The unit is aesthetically pleasing with unobtrusive design that will complement modern building designs and used to mount FL-433/PD intelligent smoke detector, FL-433/HD intelligent heat detector and FL-433/PHD intelligent multi sensor (Smoke & Heat). The FL-433/IB base mount short circuit isolator is compatible to the FL-4000 series of Analogue Intelligent Fire Alarm Control Panels.

Technical Specification

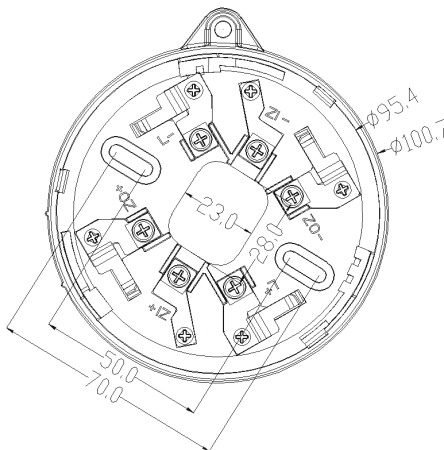
Listed	LPCB
Certified	EN54-17:2005

Physical	
Material / Color	ABS / White Glossy finishing
Ingress Protection Rating	IP30
Dimension / Height	Diameter:100.7 / 35mm
Weight	55g (with Base)
Operating Temperature	-5°C to +50°C
Humidity	0 to 95% Relative Humidity, Non condensing

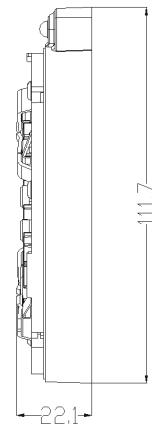
Module	
Input Voltage	24VDC [16V to 28V]
Current Consumption	Standby 0.15mA, Alarm: 1.8Ma
Protocol/Addressing	Agni / Addressing not required
Isolator	Maximum Open Voltage:11V Minimum Open Voltage:8V Maximum Close Voltage:3V Minimum Close Voltage:1.4V Maximum Continuous Current:500mA Maximum Transient Output Current:5A Maximum Leakage Current:2mA Max closed impedance:0.65 ohms
Number of monitored	Max 70 Devices
Output Impedance	480 ohms



Front View(with Cover)



Front View(without Cover)



Side View(without Cover)

Ordering Information:

FL-433/IB	Base Mount Short Circuit Isolator ,max. 200 isolators can be connected in each loop
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