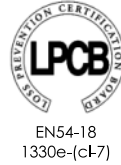


FL-433/IOM

Addressable Single Input/output Module



Features and Benefits

- EN54-18:2005 Certified
- LPCB Approved
- Built-in MCU processor and digital addressing
- 24Vdc/3A Output relay contact and Control module
- Input Fire or Supervisory signal configuration
- LED status indicator
- Onsite Adjustable Parameter
- Loop or external power input
- Aesthetically pleasing design
- Surface mounting with fix base for simple installation

Overview

The FL-433/IOM Addressable Single Input/output Module is characterized as one input or output volt free relay and control module. The unit is normally used for overriding equipment such as lift return, door holder, smoke extract fans, air handling unit, auto dialler to fire brigade, BMS and etc. The unit has built-in feedback signal feature, according to the pre-configured interface module command fire scenario, the alarm controller send out start command to the equipment required to start. After receiving the command, output module enables its relay to change state. Once the module is under control and operated a confirmation signal will be sending back to the alarm controller. In addition, the unit incorporates an intelligent processor that provides automatic monitoring for both open and short circuit of the input signal line.

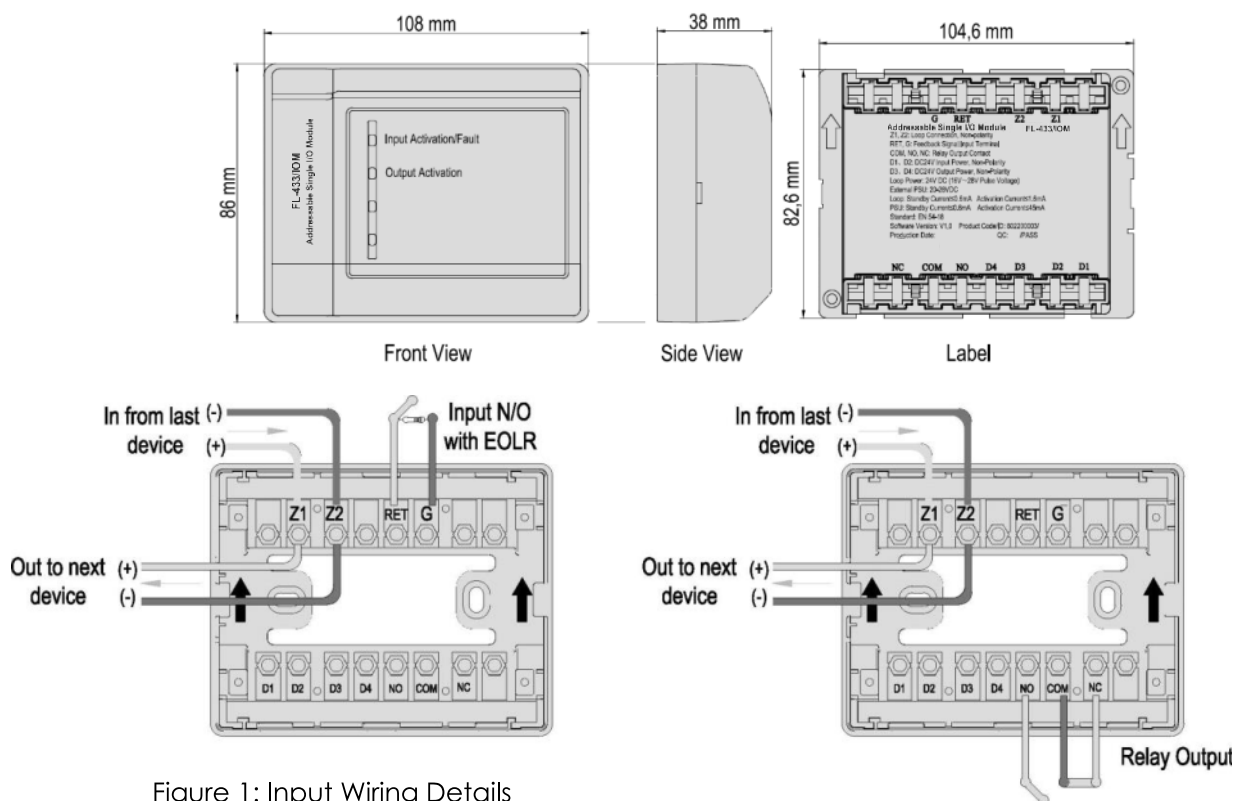
The FL-433/IOM is manufactured based on the requirement of EN 54 part 18, European Standard. The unit is aesthetically pleasing with unobtrusive design that will complement modern building designs and its plug-in type assemblies make installation and maintenance more convenient to the installer. The FL-433/IOM is compatible to the FL-4000 series of Analogue Intelligent Fire Alarm Control Panels.

Technical Specification

Listed	LPCB
Certified	EN54-18:2005

Physical	
Material / Color	ABS / White Glossy finishing
Ingress Protection Rating	IP30
Dimension	108 mm x 86 mm x38 mm
Weight	170g (with Base), 92g (without Base)
Operating Temperature	-10°C to +50°C
Humidity	0 to 95% Relative Humidity, Non condensing

Module	
Input Voltage	Loop Power: 24VDC [16V to 28V] External PSU: 20 to 28VDC
Current Consumption	Loop: Standby 0.6mA, Alarm: 1.6mA External PSU: Standby 0.6mA, Alarm: 45mA
Protocol/Addressing	Agni / Value ranges from 1 to 254
Control output voltage	24VDC / 2A rating
Output Relay	Normally Open / Close
Input Resistance	5.1Kohms/ ¼ W
Indicator Status	Single LED / Steady On-when pressed



Ordering Information:

FL-433/IOM	LPCB Approved. Addressable Single Input/Output Module, loop powered or external 24VDC powered selectable. EN 54-18:2005
FL-4400/MB	Optional surface mounting backbox for Module