

MX230

Addressable Isolator Module



Features and Benefits

- EN54-17:2005 Compliance
- LPCB Approved
- In the event of a short circuit, isolates faulty parts of the loop.
- Automatically Reset, once the fault is cleared
- Monitor up to 70 devices
- LED Status Indicator
- Loop Powered
- Aesthetically pleasing design
- Surface Mounting with Base for ease of installation



1330f-(cl-1)

Overview

The Unit is manufactured in compliance to European Standards EN 54 Part 17. In the event of short circuit on the detection loop the MX230 Isolators on either side of the loop will detect the problem and open circuit to isolate the faulty part of the loop, enabling other devices on the unaffected part of the loop to operate normally. The module 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 its plug-in type assemblies make installation and maintenance more convenient to the installer. The MX230 Isolator Module is compatible to the MX Series Intelligent Addressable Fire Alarm System, produced by single manufacturer, to avoid addressable communication compatibility problem.

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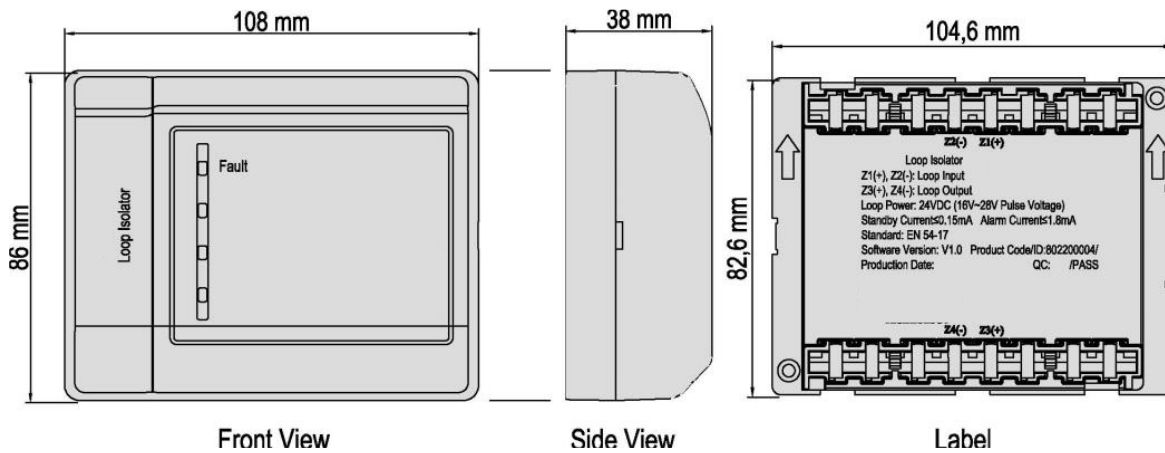
DATA SHEET

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Technical Specification

Approvals and Standards	LPCB / CE-CPR, EN54-17:2005	
Input Voltage	24VDC (16V to 28V)	
Current Consumption	Standby : 0.15mA	Alarm : 1.8mA
Maximum Open Voltage (VSO MAX)	11V	
Minimum Open Voltage (VSO MIN)	8V	
Maximum Close Voltage (VSC MAX)	3V	
Minimum Close Voltage (VSC MIN)	1.4V	
Maximum Continuous Current (IC MAX)	500mA	
Maximum Transient Output Current (IS MAX)	5A	
Maximum Leakage Current (IL MAX)	2mA	
Max closed impedance (ZC MAX)	0.65 ohms	
Protocol	Proprietary	
Number of monitored	Max 70 Devices	
Output Impedance	480 ohms	
Indicator Status	Normal : Single blink	Active : Steady-on
Material / Colour	ABS	White Glossy finishing
Dimension	108mm Width x 86mm Height x 38mm Depth	
Weight	152g (with Base)	81g (without Base)
Ingress Protection	IP30	
Humidity	0 to 95% Relative Humidity, Non condensing	



Terminal Description

- Z1 Signal In (+)
- Z1 Signal Out (+)
- Z2 Signal In (-)
- Z2 Signal Out (-)

