

# MX201

## Addressable Zone Monitor Module



### Features and Benefits

- EN54-18 Compliance
- Built-in MCU Processor with Digital Addressing
- Intelligent Self-diagnosis of open circuit
- Enhanced Interference Resistance by using multilevel wave filtering process
- LED Status Indicator
- Onsite Adjustable Parameter
- Loop and External Power Input
- Aesthetically pleasing design
- Parallel connecting up to 16 Conventional Detectors
- Surface mounting with Base for ease of installation

### Overview

The MX201 Addressable Zone Monitor unit is an addressable interface module, which integrates Conventional Detectors or Manual Call Points to the Addressable System. When any of the connected devices are in alarm status, the unit will transmit the alarm signal to the Fire Alarm Panel, which generates alarm and displays its address. The unit is compatible with most commonly used Conventional Devices and has the function of checking short or open circuit of the output connection by means of End-of-Line Resistor (EOLR). The fault message includes open circuit, short circuit or any removal of the detectors.

Manufactured in compliance to European Standards, EN 54 Part 18, the unit is aesthetically pleasing with unobtrusive design that will complement modern building designs. The Plug-in type construction enables ease of installation and maintenance.

The unit incorporates an intelligent processor that provides automatic monitoring for both open and short circuit of the input signal line. The MX201 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

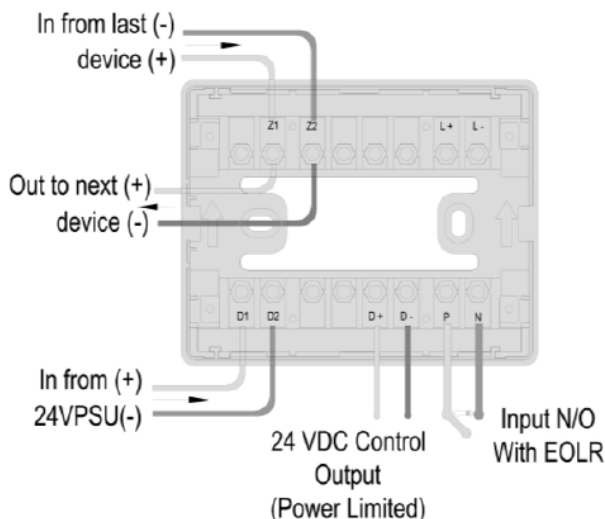
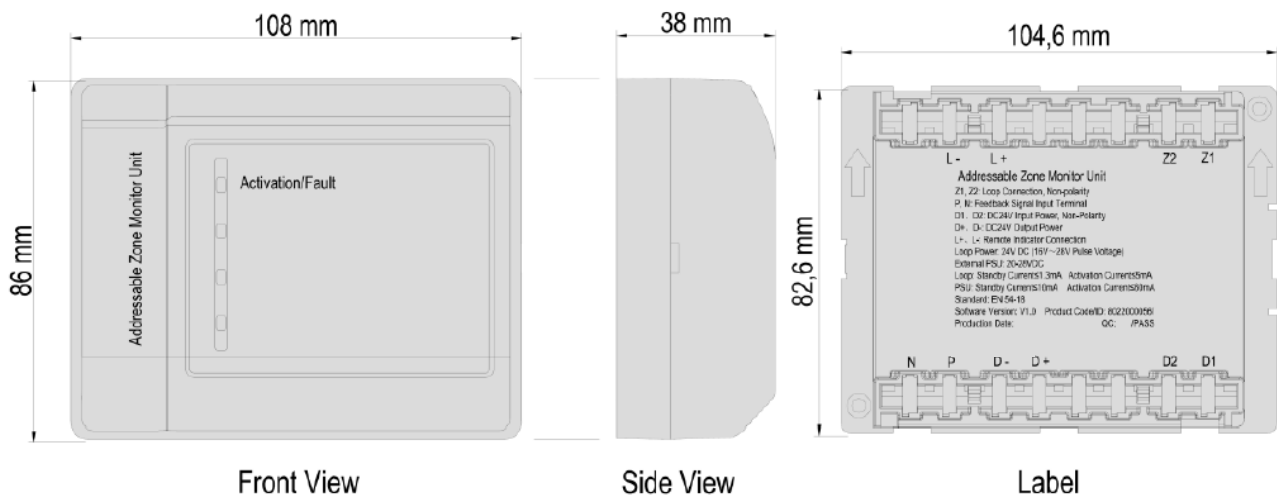
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### Technical Specification

Approvals and Standards	EN54-18:2005/AC2007		
Input Voltage	Loop Power : 24VDC (16V to 28V)		
	External PSU : 20 to 28VDC		
Current Consumption	Loop Standby : 1.3mA,	Alarm : 5mA	
	External PSU Standby : 10mA	Alarm : 60mA	
Control Output Voltage	24VDC (Only for MX130 Beam Detector usage, avoid any short circuit)		
End of line Resistance	5.1Kohms ¼ W		
Protocol/Addressing	Proprietary	Value range from 1 to 254	
Indicator Status	Normal : Single blink	Active : Steady	Fault: Double Blink
Material / Colour	ABS	White Glossy finishing	
Dimension	108mm Width x 86mm Height x 38mm Depth		
Weight	154g (with Base)	83g (without Base)	
Operating Temperature	-10°C to +50°C		
Ingress Protection Rating	IP30		
Humidity	0 to 95% Relative Humidity, Non condensing		

### Module and Wiring Details



#### Terminal Description

- Z1 Signal In (+)
- Z1 Signal Out (+)
- Z2 Signal In (-)
- Z2 Signal Out (-)
- P connect detectors, Non-polarity
- N connect detectors, Non-polarity
- D1 External Power Supply In (+)
- D2 External Power Supply In (-)
- D+, D- Output Cable (Only for the use of TX7130)
- L+ Remote Indicator (+)
- L- Remote Indicator (-)