

# M710-CZR Non-Addressable Zone Monitor

## Data Sheet



The M710-CZR non-addressable zone monitor module allows a zone of non-addressable detectors to communicate with a Notifier analogue addressable system. As a result existing non-addressable loops can be integrated into a Notifier addressable system

The module monitors a zone of two-wire non-addressable smoke detectors. Each M710-CZR uses one of 99 available module addresses on a loop. A fault signal will be transmitted to the panel in case of an open circuit or short circuit on the non-addressable zone wiring or when the external fault input is pulled low (can be used for power supply monitoring). A flashing LED indicates that the module is in communication with the control panel. The LED latches steady on alarm (subject to current limitations).

The non-addressable zone can be powered from the analogue communication line or from an external power supply. Where the non-addressable zone is powered from an external power supply, the communication line is fully isolated from the non-addressable zone and from the power supply.

### Features

- Connection of a zone of non-addressable detectors to intelligent systems
- Built in isolation allowing system installation in stages without loss of protection
- Monitors open circuit and short circuit faults
- TRI-Colour Status LED
- Zone powered from addressable loop wiring or 24V PSU
- Remote reset of non-addressable zone
- Compatible with:
  - Most non-addressable detectors, including PhD and Vision sensors
  - IS non-addressable detectors
- Monitoring of external power supply
- External fault input
- CPD approval to EN54-17 and EN54-18, LPCB and VdS
- DIN rail mountable, consistent with all other modules
- Support for an extended power supply range as low as 18VDC 60mA with an External PSU

### Installation

This M710-CZR non-addressable Zone Monitor module fits into M200E-SMB, M200E-DIN or M200E-PMB. These may then be installed in a 19" Rack Assembly using Notifier 19" Rack mounting adapters. Mounting hardware and installation instructions are provided with each module.

## Non-Addressable Zone Monitor Module - M710-CZR

The zone monitor module replaces the ZMX-1E but is mountable onto a DIN rail. It can be powered from an addressable loop but does allow a non-addressable system to work like an addressable system. This enables module enables Non addressable devices to be monitored by an addressable CIE. and is compatible with older CLIP devices as well as the more recent Opal protocol.

The maximum recommended number of non-addressable devices that can be used with the M710-CZR is 20.



## Specifications

### M710-CZR

#### Mechanical Specification

- |                                |                    |
|--------------------------------|--------------------|
| • Height:                      | 23mm               |
| • Length:                      | 93mm               |
| • Width:                       | 83mm               |
| • Weight:                      | 110g               |
| • Max Wire Gauge for Terminals | 2.5mm <sup>2</sup> |


#### Electrical Specification

- Operating Voltage Range: 18 to 28.5Vdc
- Max. Standby Current: 288µA maximum (conventional zone connected to external supply)
- LED Current
  - Red: 2.2µA @ 24Vdc
  - Green: 6.6µA @ 24Vdc
  - Yellow: 8.8µA @ 24Vdc
- End of Line Resistor Value: 3.9k

#### Environmental Specifications

- Temperature Range: -20°C to +60°C
- Humidity: 5% to 95% relative humidity (non-condensing)

## Product Range at a Glance

	Product Name	Part Number
	Non-Addressable Zone Module	M710-CZR