

## Product Overview:

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The **Analogue Addressable Module Conventional Zone Interface (M210E-CZR)** allows a zone of conventional detectors to be connected to a Pertronic analogue addressable system. The conventional zone can be powered from the analogue addressable communication line or from an external power supply. Where the conventional zone is powered from an external power supply, the communication line is fully isolated from the conventional zone and from the power supply. The M210E-CZR is suitable for connecting to a zone of intrinsically-safe (IS) detectors, as long as the zone includes a suitable barrier.

A fault signal will be transmitted to the panel in case of an open circuit or short circuit on the conventional zone wiring or when the external fault input is pulled low.



**Analogue Addressable Module Conventional Zone Interface  
M210E-CZR**

## Features:

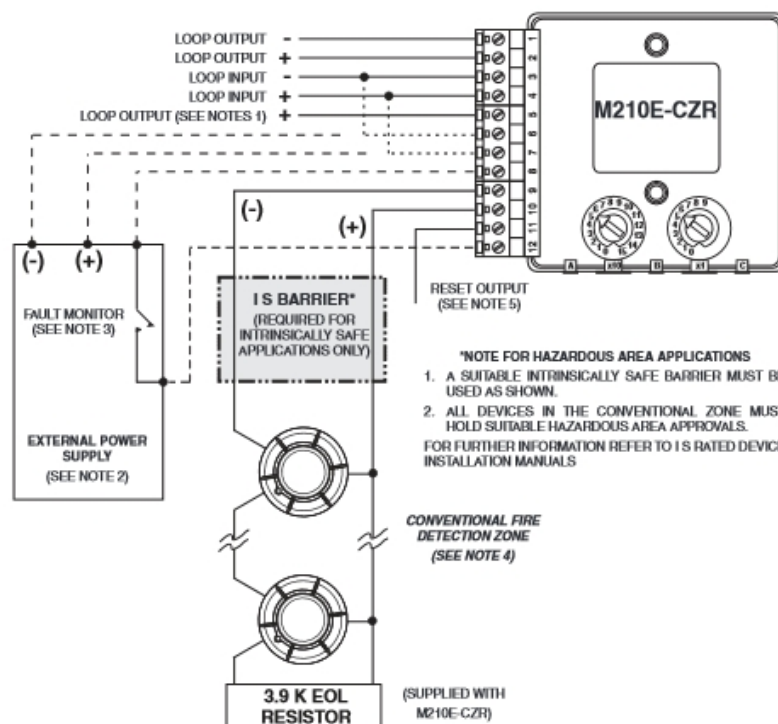
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- » Connection of a zone of conventional detectors to intelligent systems
- » Built in isolation
- » Monitors open circuit and short circuit faults
- » Tri-Colour Status LED
- » Zone powered from communication line or 24 V PSU
- » Remote reset of conventional zone
- » Compatible with: IS conventional detectors; S300/ECO1000 detectors; 6500R, 6500RS and BEAM1224 optical beam detectors
- » Monitoring of external power supply
- » External fault input
- » Fits M200E-SMB mounting box / M200E-DIN module rack + M200E-PMB panel mount bracket Connection

## Specifications:

» Module Dimensions	93 x 94 x 23	H x W x D mm
» Surface Mount Box Dimensions	132 x 137 x 40	H x W x D mm
» Weight (Module only)	110 g	
» Weight (Module and M200E-SMB)	252 g	
» Maximum Wire Gauge	2.5 mm <sup>2</sup>	
» Operating Temperature Range	-20 °C to 60 °C	
» Humidity	5 % to 95 % RH, non-condensing	
» Ingress Protection Rating	IP50 (Mounted in M200E-SMB)	
» External power supply voltage	12 V to 28.5 V	
	18 V to 28.5 V (If conventional zone is loop powered)	
» Maximum series resistance	50Ω	
» Max LED Current @ 24VDC	Green 6.6 mA	
	Red 2.2 mA	
	Yellow 8.5 mA	
» Max Standby current @ 24VDC	500 μA (communication each 5 seconds with LED blink enabled, with external supply for conventional zone)	
» Max Standby current @ 24VDC	6.7 μA (communication each 5 seconds with LED blink enabled, loop powered conventional zone, R.EOL only)	
» Maximum conventional zone current limit	60 mA	

## Diagram:



## Ordering Information:

Product Code	Description
M210E-CZR	Addressable Module Conventional Zone Interface – Euro (Uses M200E-SMB Box)
M200E-SMB	Surface Mounting Box for 200 Series Addressable Modules - Euro
M200E-DIN	DIN Rail Mounting Brackets