

M710E-CZ



M710E-CZR



M710E-CZ and M710E-CZR

Analogue conventional zone monitor module

The M710E-CZ (M710E-CZR conventional zone monitor module allows a zone of (IS) conventional detectors to be connected to a Notifier analogue addressable system.

The conventional zone can be powered from the analogue 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.

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.

Features and benefits

- › M710E-CZ single input conventional zone module
- › (EOL capacitor)
- › M710E-CZR single input conventional zone module
- › (EOL resistor)
- › Connection of a zone of IS (Intrinsically Safe) conventional detectors to intelligent systems (only CZR)
- › Connection of a zone of conventional detectors to intelligent systems (CZ and CZR)
- › Full backward compatibility
- › Common mechanical platform for modules' enclosure
- › Built-in short circuit isolators
- › Monitors open circuit and short circuit faults
- › CLIP and advanced protocol
- › Addressability through rotary switches
- › TRI-colour light pipes
- › Improved light guides visibility on two sides
- › Integrated DIN rail brackets
- › Zone powered from comms line or 24V PSU
- › Remote reset of conventional zone
- › Monitoring of external power supply
- › External fault input
- › Fits M200E-SMB mounting box
- › Lasered engraved label data
- › Intertek approved

SPECIFICATIONS

MECHANICAL SPECIFICATIONS

Height: 22mm

Length: 93mm (including terminal blocks)

Width: 99mm (including DIN brackets)

Weight: 118g

Maximum wire gauge for terminals: 2.5mm²

ELECTRICAL SPECIFICATIONS

Intelligent Loop

Operating Voltage Range: 15 to 32VDC

LED Cutoff Voltage: 16.5 VDC

Max Standby Current @ 24V: 120 uA - (No communication, conventional zone externally power supplied connected to EOL only)
1.3mA - (No communication, conventional zone loop powered connected to capacitive EOL only)
6.3mA - (No communication, conventional zone loop powered connected to resistive EOL only)

Conventional Zone

Supply Voltage: 18 to 32 VDC (either from loop or external supply)

Max Standby Load Current (CZ): 3mA in 18-32V range

Max Standby Load Current (CZR): 3,8mA in 18-32V range

Max Conventional Line Resistance: 50 Ohm

Max Zone Load (CZ): 17.5mA (limited internally)

Max Zone Load (CZR): 60mA (limited internally)

End of Line Capacitor (CZ): 47µF non-polarised (Supplied)

End of Line Resistor (CZR): 3.9 kOhm, 5% (Supplied)

ENVIRONMENTAL SPECIFICATIONS

Application Temperature Range: -200C to 600C

Humidity: 5% to 95% Relative Humidity (non-condensing)

IP Rating: IP30 (IP44 in M200E-SMB)

COMPATIBLE WITH

IS conventional detectors (only CZR)

100, 400 and EC series detectors

S300/ECO1000 detectors

6500RE and 6500RSE optical beam detectors

NOTIFIER

Pau Vila, 15-19
08911 Badalona (Barcelona)
www.notifier.es

©2022 by Honeywell International Inc.

 **NOTIFIER**[®]
by Honeywell