

ANALOGUE - Conventional Zone Monitor Module Model M210E-CZ

Overview

Features

- 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 comms line or 24V PSU
- Remote reset of conventional zone
- Compatible with:
 - 100, 400 and EC series detectors
 - S300/ECO1000 detectors
 - 6500R and 6500RS 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



Description

The M210E-CZ conventional zone monitor module allows a zone of conventional detectors to be connected to a System Sensor 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.

Architect/Engineer Specifications

M210E-CZ Conventional Zone Monitor Module

Electrical Specifications

Max Power applied to Conventional zone from loop. Cap. EOL only	1.3mA (no communication)
Communication Line Standby Current Cap. EOL only	288µA max @ 24V (no communication)
Communication Line Standby Current Cap. EOL only	500µA max (conventional zone connected to external supply.)
Maximum conventional zone current limit	15mA
External power supply voltage	18 – 32V
Maximum series resistance	50Ω
Max LED current @ 24VDC	Green 6.6mA Red 2.2mA Yellow 8.8mA
Initial power up time	3 seconds

Environmental Specifications

Operating Temperature	-20°C to 60°C
Humidity	5% to 95% Relative Humidity (non-condensing)

Mechanical Information -240

Height	23mm
Length	93mm
Width	83mm
Weight	110g
Maximum Wire Gauge for Terminals	0.5mm ² - 1.5mm ²

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Installation information: in order to ensure full functionality, refer to the installation instructions as supplied.