6 Way Conventional Zone Monitor (SCM-ZMM)

Description

The SCM-ZMM is a six zone monitor module that is designed to be DIN mounted inside of a Smart Connect Multiloop control panel. It's powered and interfaced to the panel via a RJ45 connection.

The module has six conventional zones which can be typically used for conventional devices and/or for special detectors that are not available in addressable form such as UV detectors, aspiration and beam detectors etc.

The module monitors and transmits the status (normal, open, short, or alarm) of a zone with the detectors to a control panel. Each zone input can be programmed to either give an Alarm signal or a technical alarm signal when active. The SCM-ZMM is a six zone monitor module that is designed to be DIN mounted inside of a Smart Connect Multiloop control panel. It's powered and interfaced to the panel via a RJ45 connection.
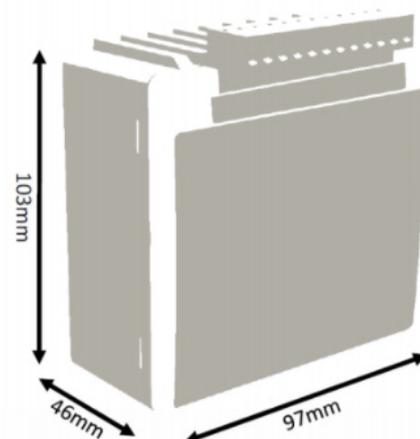
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Features

- Designed to EN54 Part 2.
- 6 x Conventional Zones.
- Each zone is monitored for open & short circuit.
- Extensive front unit status indications (see table below).
- Quick and easy to install by plugging the RJ45 cable into the module and control panel (cable supplied with unit).
- Each zone input can be configured as either Alarm or Technical Alarm.
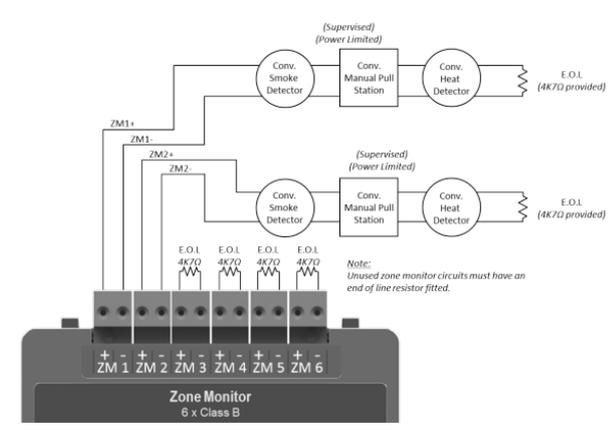
Dimensions

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Front Unit Indications

LED Indication	Description
Active (Red)	On Steady when an alarm/technical alarm on the zone is active.
Short (Yellow)	Flashing when a short circuit condition has been detected.
Wire Break (Yellow)	Flashing when an open circuit condition has been detected.
Com. (Green)	Pulses to show communication between the module and the motherboard.

* When a SCM-ZMM input is disabled, the Short & Wire Break LED's will be on steady (Yellow)

Wiring Diagram

Technical Specification

Specification	SCM-ZMM
Part Number	62-403
Design Standard	EN54 Part 2
Approval	LPCB (Pending)
Circuit Voltage	26VDC Nominal (17.5V - 26.5V with EOL connected)
Wiring	6 x Conventional Zones
Zone Max Current (under S/C conditions)	56mA
Zone Max Line Impedance	10Ω
End of Line Resistor	4K7Ω
Triggering Resistor	1KΩ
Operating Temperature	0°C (32°F) to 49°C (120°F)
Max Humidity	93% Non-Condensing
Size (mm) (HxWxD)	103mm x 97mm x 46mm
Weight	0.2KG
Recommended Cables Sizes	0.3mm2 to 2.5mm2
Compatible Devices	MKII Conventional Detectors and Call points
Maximum Devices Per Zone	20

Interior Panel View