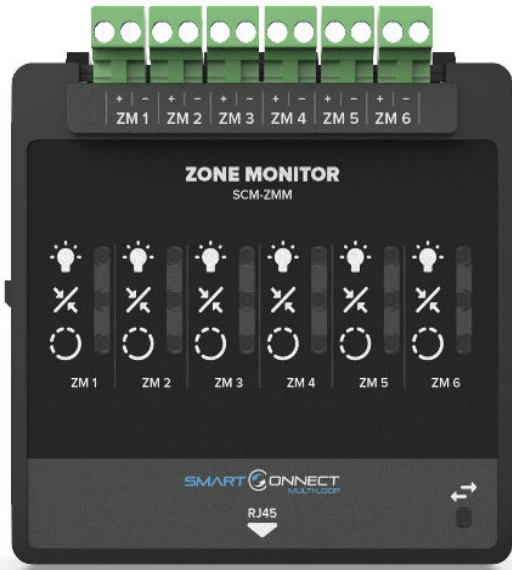


# 6 Way Conventional Zone Monitor (SCM-ZMM)



## Description

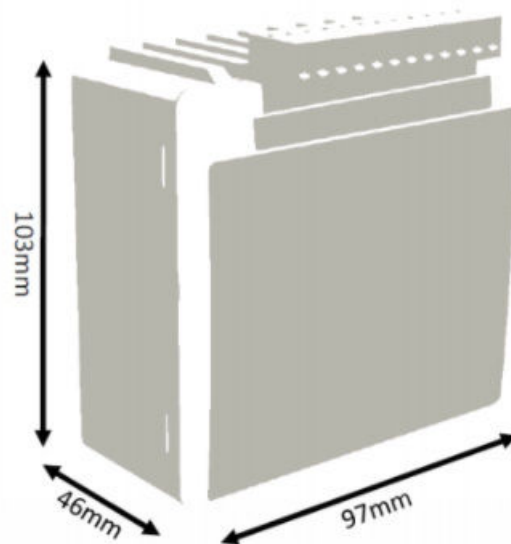
The SCM-ZMM is a six zone monitor module that is designed to be DIN mounted inside of a Smart Connect Multiloop control panel. It's powered and interfaced to the panel via a RJ45 connection.

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.

## 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



## Typical Wiring Diagram

(Supervised)  
[Power Limited]

Conv. Smoke Detector

Conv. Manual Pull Station

Conv. Heat Detector

E.O.L.  
(4K70 preferred)

ZM1

ZM2

(Supervised)  
[Power Limited]

Conv. Smoke Detector

Conv. Manual Pull Station

Conv. Heat Detector

E.O.L.  
(4K70 preferred)

F.O.L.  
4K70

F.O.L.  
4K70

F.O.L.  
4K70

F.O.L.  
4K70

Note:  
Unused zone monitor circuits must have an end of line resistor fitted.

Zone Monitor  
6 x Class B

### Interior Panel View

The diagram illustrates a power distribution unit (PDU) with a digital display, mounted on a rack. The PDU is connected to a power source (Mains Fuse) and a battery bank. The main control panel on the left includes sections for Power Supply Status, Signals, Power Connections 30V DC, and Battery. The digital display on the right shows 'Zero Monitor' with various status indicators. Below the display are six ports labeled Port 1 through Port 6. The PDU is connected to a power source (Mains Fuse) and a battery bank. The battery bank is shown at the bottom, with two large blue and grey battery units labeled 'BATTERY'.

**POWER SUPPLY STATUS**

MAINS FUSE  
Fuse F1  
AC 120 VAC 50/60 Hz  
200 VAC 50/60 Hz

**WARNING**  
AC Power Off  
DC Power On  
Charger Trouble  
Battery Trouble  
Battery M 2 Trouble  
Buck Trouble

**SIGNALS**

AC Trouble  
Power Off  
Trouble  
Power Off  
AC Trouble  
Power Off

**POWER CONNECTIONS 30V DC**

PSU OUTPUT A Fuse A  
PSU OUTPUT B Fuse B  
PSU OUTPUT C Fuse C  
PSU OUTPUT D Fuse D  
PSU OUTPUT E Fuse E  
PSU OUTPUT F Fuse F

**BATTERY**  
Fuse E  
100V 100Ah 12V 100Ah

**Zero Monitor**

Port 1 Port 3 Port 5  
Port 2 Port 4 Port 6

**WARNING** Power state panel requires wiring of monitoring type modules

**BATTERY**