

Multi Input Module (SCM-MIM)



Description

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

The module has six class B inputs that are commonly used to monitor and raise alarms from any ancillary equipment such as sprinkler flow switches, aspiration detectors, secondary fire control panels, beam detectors, and external power supplies etc.

The module monitors and transmits the status (normal, open, short, or alarm) of any inputs to a control panel. Each input can be programmed to either give a supervisory or alarm signal when active.

Features

- Designed to EN54 Part 2
- Each input is monitored for open & short circuits
- 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 input can be configured as either Alarm or Supervisory

Front Unit Indications

LED Indication	Description
Active (Red)	On steady when the input is in an alarm/supervisory condition
Trouble (Yellow)*	Flashing when the input is in a trouble condition
Com. (Green)	Pulses to show communication between the module and the motherboard

*When a SCM-MIM circuit is disabled, the Trouble LED will be on steady (yellow).

Technical Specification

Specification	SCM-MIM
Part No.	37-392
Design Standard	EN54
Approval	LPCB
Wiring Class	6 x Class B [Power limited & Supervisory]
Circuit Voltage	24VDC Nominal (16V - 24.5V with EOL fitted)
Input Max Line Impedance	10Ω
End of Line Resister	4K7Ω
Triggering Resistor	1KΩ
Operating Temperature	0°C (32°F) to 49°C (120°F)
Max Humidity	93% Non-Condensing
Size (mm)	103mm x 97mm x 46mm
Weight	0.2KG
Recommended Cable Sizes	22 AWG to 18 AWG (0.3mm ² to 0.8mm ²)

SCM-MIM NetWork Module



The SCM-MIM has six class B inputs that are commonly used to monitor and raise alarms from any specific ancillary equipment.

Each Input is monitored for open or short circuits and can also be programmed to give a supervisory or alarm signal when active.

