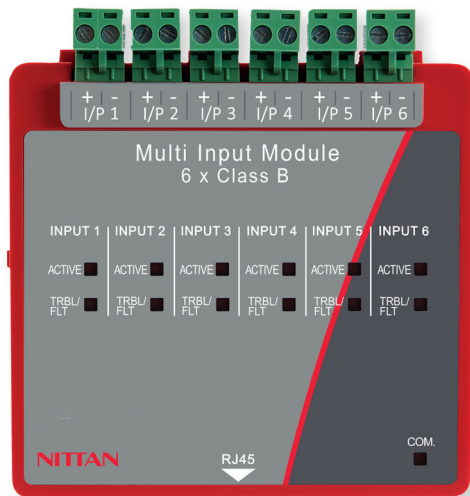# NITTAN

MULTI INPUT MODULE - CLASS B

NMP-MIM

The NMP-MIM is a six input module that is designed to be DIN mounted inside of an Evolution UL NMP control panel. It's powered and interfaced to the Evolution UL NMP 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 inputs to a control panel. Each input can be programmed to either give a supervisory or alarm signal when active.

Key Features

- Designed to meet UL864 10th Edition requirements.
- 6 x Class B input circuits.
- Each input is monitored for open & short circuits.
- Extensive front unit status indications (see page 2).
- 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.

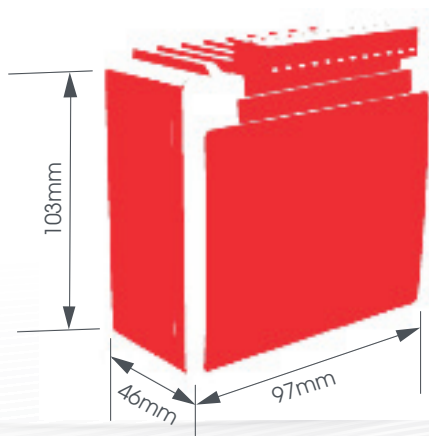## Interior Panel View
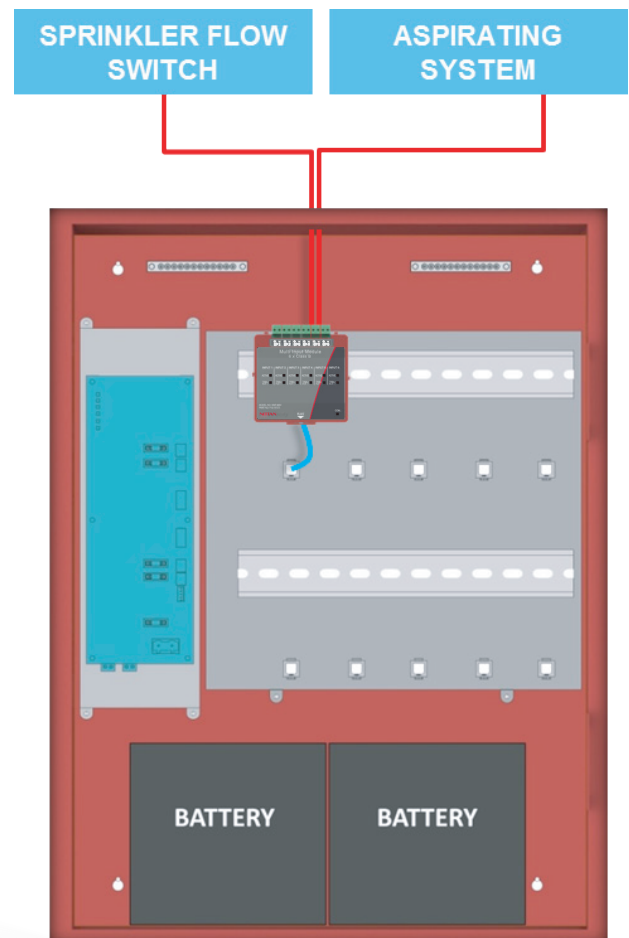
Enclosure

Dimensions
H103mm x W97mm x D46mm

Weight
0.2kg

Terminal Wiring Size
28-12 AWG

NITTAN

Specification

Part No. / Model No. / Description	F12-75125 / NMP-MIM / Input Module
Standard	UL864 10th Edition
Approval	UL Laboratories
Wiring Class	6 x Class B (Power Limited & Supervised)
Input Voltage	24VDC Nominal (16V - 24.5V with EOL fitted)
Input Max Line Impedance	10Ω
End of Line Resistor	4K7Ω
Alarm Triggering Resistor	1KΩ
Operating Temperature	0°C (32°F) to 49°C (120°F)
Max Humidity	93% Non-Condensing

Front Unit Indications

LED Indication	Description
Active (Red)	On steady when the input is in an alarm 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 NMP-MIM circuit is disabled, the Trouble LED will be steady (yellow).

Typical Wiring Diagram

Note:
Unused input circuits must have an end of line resistor fitted.
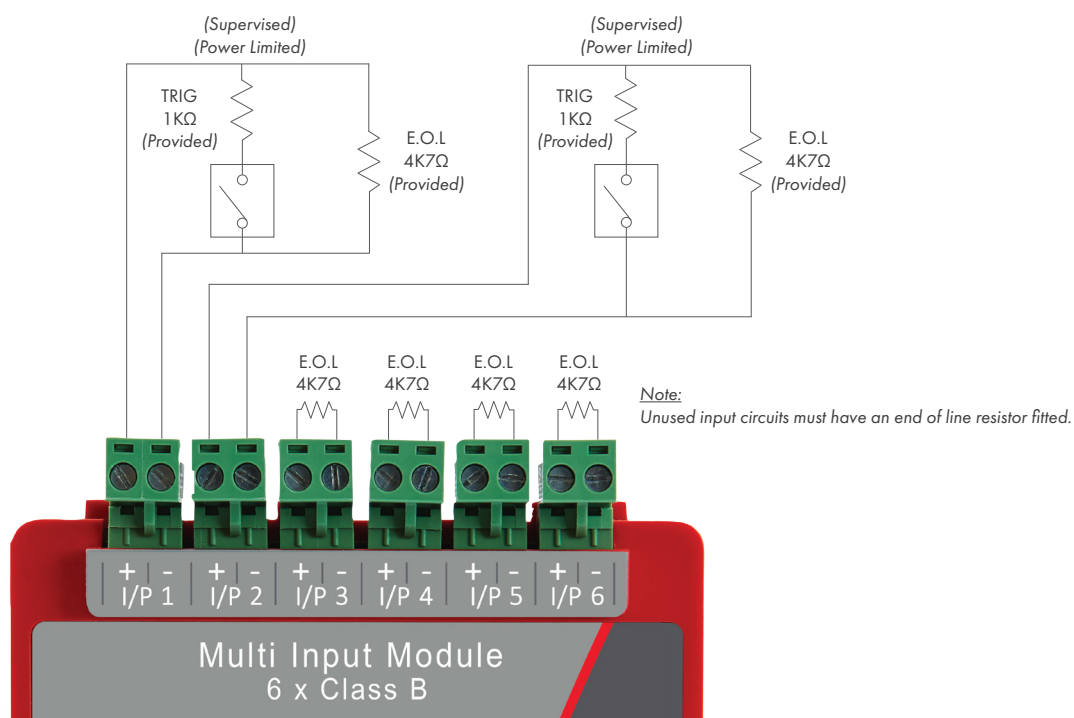
For further information on wiring, please refer to the NMP-MIM Technical Manual.

NOT TO BE USED FOR INSTALLATION PURPOSES