

# PMM-3A

Input Module

## Description

PMM-3A input module is used to receive various dry contact signals, such as signals from water flow indicator, butterfly valve, pressure switch, etc.

Using SLC communication, electronic address programming occupying one address. Mixed addressing with other detectors or modules, which makes on-site wiring, installation and programming more convenient.



## Features

- Improved design for ease of wiring meaning faster installation.
- Address range 1-254<sup>1)</sup>.
- Two configurable operating modes<sup>1)</sup>.
- Input active LED<sup>1)</sup>.
- Polling LED<sup>1)</sup>.
- Soft Addressing: the device address can be set by a programmer.

**NOTE: 1) Core Lite enabled systems feature, please check with your system partner for availability.**

## Specifications

**Supply Voltage (Vmin-Vmax):** 17V – 28V DC.

**Communication Protocol Voltage:** 5V – 9V peak to peak.

**Rated Voltage:** 24V DC.

**Quiescent Current:** 500µA (Rated voltage 24V DC).

**Alarm Current:** 5.5mA (Rated voltage 24V DC).

**Operating Temperature:** -10°C ~ 55°C.

**Humidity:** 0% - 95%RH (non-condensing).

**Dimension:** 33mm length × 34mm width × 102mm height.

**Mounting Dimension:** 35mm DIN rail mounting.

**Weight:** 35g.

**Standard:** GB16806-2006 & EN54-18:2005/AC:2007.

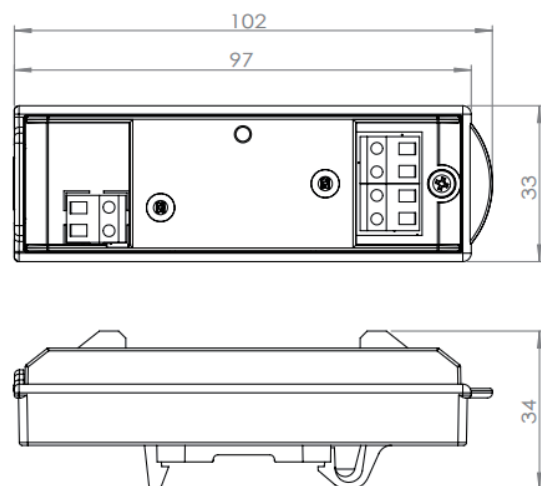
**Approvals:** CCCF & UL.  
UL-EU-Mark.

## Terminal

The terminal L-, L+ is for connecting the loop wire. The terminal IP+, IP- is for connecting the input wire.

- L- is “Loop -”
- L+ is “Loop +”
- IP+ is for connecting the “Input +”
- IP- is for connecting the “Input -”

## Dimensional Drawing



## Status Indications

Legend	LED Status	Description
Polling	Flashing Red	Polling LED
Input Active	Continuous Red	Input active LED

## Operating Modes

Mode	Description
1	Input circuit fault is reported when the input line is short circuit
2	The input activation is reported when the input line is short circuit

**NOTE:** Mode 1 is the default factory Mode.

## Electrical Consideration

The quiescent current of Input Module is 500 $\mu$ A at rated voltage of 24V DC.

## Mechanical Construction

The main components of the Input Module are molded in a robust fire-retardant polycarbonate and Nylon.

The Input Module is designed to be mounted on a 35mm width DIN-Rail inside an enclosure.

**NOTE:** This unit is not designed for outdoor use.