

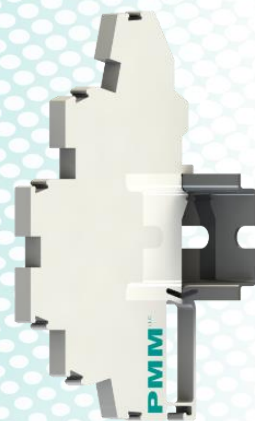


Power Meter Monitor

Model: PMM0702

Document version: 1.2

Date: February 2022



Digital Input Module

KEY FEATURES

- 1x Digital input 24/48 VDC or 110/220/400 VAC
- Power and signal isolated module
- There is no need for an external power supply; operating power supply is 5V DC
- High reliability and accuracy
- Very compact size
- DIN rail mounting
- Operating temperature: -20°C to +83°C

TECHNICAL DATA

Number of digital inputs	1
Signal type	Voltage
Voltage signal type	24/48 VDC or 110/220/400 VAC
Input characteristic	High-Side switching
Input current per channel	5mA
Isolation	3750v system/field
Indicators	2x Green LED
Operating temperature	-20°C to +83°C
Degree of protection	IP54

MECHANICAL DATA

Width	66.5mm (2.6")
Height	113mm (4.5")
Depth	6mm (0.23")
Weight	50 g
Mounting type	Din rail

DESCRIPTION

PMM0702 is reliable digital input module that has an isolated channel, which receives one of the following rated voltage options: 24,28 VDC or 110,220,400 VAC signals from the field devices based on the client's requirements.

Moreover, PMM0702 has two LED indicators that indicate the status of the signal transmission for the input channel for diagnostic purposes.

- PMM0702 is available in two versions, the differences between them are illustrated in the following table:

Version	Number of inputs	Isolation
1.1	2	Not isolated
1.2	1	Fully isolated

BLOCK DIAGRAM

NUMBER	SIDE	DESCRIPTION
1	CPU	GND
2	CPU	Input open collector up to 80 VDC
3	FIELD	Digital Input
4	FIELD	Common

