



Power Meter Monitor

Model: PMM0703

Document version: 1.2

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Digital Output 50VDC Module

KEY FEATURES

- Digital output 50 VDC
- Both power and signal isolated module
- There is no need for an external power supply; operating power supply is 5V DC
- High reliability and accuracy
- Highly compacted size
- DIN rail mounting
- Operating temperature: -20°C to +83°C

TECHNICAL DATA

Number of digital outputs	1
Signal type	Voltage
Voltage signal type	50VDC
output characteristic	High-Side switching
Input current	1mA
Isolation	37507system/field
Indicators	1x 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

PMM0703 is a 50VDC digital isolated output module which transmits control signals from the CPU to the connected actuators.

PMM0703 has a LED which indicates the current status of the connected device for diagnostics purposes.

- PMM0703 is available in two versions, the differences between them are illustrated in the following table:

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

BLOCK DIAGRAM

NUMBER	SIDE	DESCRIPTION
1	CPU	INPUT 1
2	CPU	VCC 3.3-5 VDC
3	FIELD	VCC up to 50 VDC
4	FIELD	Digital Output
5	FIELD	Common

