



Power Meter Monitor

Business and Mission-

Critical Solutions Provider

SE 12xDI 24VDC

Data Sheet



Model: PMM0620-024

Document: Data Sheet

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KEY FEATURES

- 12x 24V DC Digital Inputs
- 5000V system/field isolation
- Wide range of power supply options (9-56 VDC)
- 32-bit ARM core microcontroller with 48 MHz clock
- Effortless configuration via web-based wizard
- 1x Ethernet 10/100 ports
- Serial communication ports RS485
- x14 LED status indicators
- EMI, EMS, EMC and shock protected
- Overvoltage and reverse polarity protected
- Serial port with power surge $\pm 2.5\text{kV}$ isolation protection
- Simple to set up and cost effective
- High reliability and accuracy
- Meeting all industrial standards.
- -40 to 80 °C Operating temperature
- 5% to 90% Non-condensing Relative Humidity

DESCRIPTION

PMM0620-024 is an innovative, and simple to set up 12x 24V DC Digital input module.

PMM0620-024 is also used to swiftly convert between protocols within a network, it supports up to 32 slave devices per communication port on the network.

PMM0620-024 industrial grade digital input function under harsh environmental conditions of any site. It is especially designed to meet all power substations and PV plants requirements. Furthermore, it covers all field standards of power, reliability, easy configuration and long-lasting life.

TECHNICAL SPECIFICATIONS

Electrical data

Signal type	Voltage
Voltage signal type	24VDC
Input characteristic	High-Side switching
Input current per channel	5mA
Isolation	5000V system/field

Interfaces

Serial	1x RSR85 port
Ethernet	1x 10/100 RJ45
LED Indicators	12x LED for Digital Input 2x LED for communication

Power Parameters

Input Power Supply Options	9-56 VDC
Power Connector	Phoenix Contact 4 pins 3.5mm

Physical Characteristics

Housing	Polyamide(Nylon 6.66)/PA
Dimensions	113*99.4*22.6 mm
Mounting Options	Standard 35mm DIN Rail
Certifications	RoHS, CE and FCC

ENCLOSURE DIMENSIONS

