

Schneider 170ADM85010 Manual

Brand	Schneider
Product Series	Schneider
Product Type	I/O Module

Description

The 170ADM85010 from Schneider Electric is an I/O module that fits within the Modicon Momentum series. It features a configuration of 16 input and 16 output channels, designed for effective data handling within industrial control systems.

Technical specifications for 170ADM85010

Manufacturer Schneider Electric

Product Type I/O Module

Product Line Modicon Momentum

Part Number 170ADM85010

EAN 3595862070133

Weight 1.00 lbs (0.45 kg)

Input Channels 16 Inputs

Output Channels 16 Outputs

Enclosure Protection IP20

Temperature Range -20°C to +60°C

Current per Channel 0.5 A

Mounting Type DIN Rail Mountable

Power Factor 0.98.7

Voltage Range 10-60 V DC

Environmental Rating IP20

Power Supply 24 V DC (nominal)

The Schneider Electric 170ADM85010 I/O module is engineered for use in the Modicon Momentum series. This module integrates 16 inputs and 16 outputs, allowing for significant flexibility in control and monitoring tasks. It is designed to handle input and output voltages ranging from 10 V to 60 V DC effectively, ensuring adaptability across different system configurations. A nominal power supply of 24 V DC is required for operation, which is standard for most setups. Each output and input channel can manage a constant current of up to 0.5 A.

Weighing 0.45 kg, this module is conveniently sized for easy installation, particularly as it is optimized for DIN rail mounting. Its operational temperature span between -20°C to +60°C means it can function in various settings without risk of failure due to temperature extremes. Additionally, rated with an IP20 enclosure protection, it demonstrates competence in indoor applications where exposure to harsh environmental conditions is not a factor. The module's power factor is noted at 0.98.7, affirming its efficiency in operation.

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