

Schneider 170ADM37010 Manual

Brand	Schneider
Product Series	Schneider
Product Type	Discrete I/O Base

Description

The Schneider Electric 170ADM37010 unit serves as a discrete I/O base within the Modicon Momentum series. This component accommodates 16 discrete inputs and 8 outputs, designed to function within a well-defined voltage range.

Technical specifications for 170ADM37010

Manufacturer Schneider Electric

Product Type Discrete I/O Base

Product Line Modicon Momentum

Part Number 170ADM37010

EAN 3595861147638

Weight 1.00 lbs (0.45 kg)

Number of Channels 16 Inputs, 8 Outputs

Input Groups 4 Groups

Output Groups 2 Groups

Discrete Input Voltage 24 V DC

Discrete Output Voltage 24 V DC, Up To 30V DC

Output Logic Positive

Input Logic Positive

Solid-State Switch Outputs Supported

Protective Treatment TC Treatment

Maximum Relative Humidity 95% Without Condensation

Operating Temperature Range 0°C to 60°C

Storage Temperature Range -40°C to 85°C

Description

The 170ADM37010 from Schneider Electric features a discrete I/O base, optimized for integration into the Modicon Momentum series. This unit includes a total of 16 channels dedicated to input operations and 8 channels for output needs. It organizes inputs into four distinct groups and outputs into two, enhancing structured connectivity.

With a discrete input voltage rated at 24 V DC, this device offers output capabilities from 24 V DC up to a maximum of 30 V DC. It employs positive logic for both input and output functions, contributing to compatibility with various control systems. The unit supports solid-state switch outputs, ensuring reliable operation.

Constructed with protective TC treatment, the 170ADM37010 ensures durability and resilience. It is rated to function effectively in environments with temperatures spanning from 0°C to 60°C, making it suitable for diverse industrial applications. Furthermore, it is rated to handle relative humidity levels of up to 95% without condensation, allowing it to perform reliably under various environmental conditions.

For storage purposes, the product is compatible with a broad temperature range, from -40°C to 85°C, providing flexibility for various storing situations. The robust design and specifications make the 170ADM37010 a reliable choice for discrete I/O applications.

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