

Schneider 140DAI34000C Manual

Brand	Schneider
Product Series	Schneider
Product Type	Discrete input module

Description

The 140DAI34000C from Schneider Electric serves as a discrete input module within the Modicon Quantum series. It features 16 input channels, operating at a voltage of 24 V AC while maintaining compliance with UL 508 and CSA standards.

Technical specifications for 140DAI34000C

Manufacturer Schneider Electric

Product Type Discrete input module

Product Line Modicon Quantum

Part Number 140DAI34000C

EAN 3595861135901

Input Channels 16

Input Voltage 24 V AC

Addressing Requirement 1 input word

Input Current 10.7 to 12 mA

Max Leakage Current 1.9 mA

Bus Current Requirement 180 mA

Max Power Dissipation 5.5 W

Marking CE

Format Standard

Ambient Temperature 0 to 60 °C

Standards UL 508, CSA

Description

The Schneider Electric 140DAI34000C is designed as a discrete input module tailored for the Modicon Quantum series. This component incorporates 16 input channels that are compatible with a supply voltage of 24 V AC. When addressing the module, a singular input word is necessary. In terms of electrical performance, the device utilizes an input current that varies from 10.7 to 12 mA, ensuring reliable data acquisition from connected devices.

Moreover, this module has been engineered to handle a maximum leakage current of 1.9 mA, an important specification for minimizing unwanted signal interference. It requires a bus current of 180 mA to operate effectively, supporting its integration within broader control systems. The power dissipation rate reaches a ceiling of 5.5 watts, which guarantees efficient energy management while in use.

The presence of CE marking highlights compliance with European safety standards. It is formatted as a standard module, enabling straightforward compatibility with various setups. Constructed for durability, the 140DAI34000C operates efficiently across a specified ambient temperature range of 0 to 60 °C. Weighing approximately 0.3 kg, this module fits conveniently into various applications, adhering to regulatory standards such as UL 508 and CSA.

Technical Specifications

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