

Schneider 140DAI35300C Manual

Brand	Schneider
Product Series	Schneider
Product Type	Discrete input module

Description

The 140DAI35300C is a discrete input module from Schneider Electric's Modicon Quantum series. It accommodates 32 input channels with a nominal input voltage of 24 V AC and operates efficiently within specified electrical parameters.

Technical specifications for 140DAI35300C

Manufacturer Schneider Electric

Product Type Discrete input module

Product Line Modicon Quantum

Part Number 140DAI35300C

EAN 3595861135840

Input Channels 32

Input Voltage 24 V AC

Addressing Requirement 2 input words

Input Current 11.1 to 13.2 mA

Max Leakage Current 1.9 mA

Bus Current Requirement 250 mA

Max Power Dissipation 10.9 W

Marking CE

Format Standard

Ambient Temperature 0 to 60 °C

Standards UL 508, CSA

Description

The 140DAI35300C from Schneider Electric serves as a robust discrete input module characterizing the Modicon Quantum series. This unit comprises 32 input channels, allowing for significant data capture for various industrial tasks. Operating on a 24 V AC supply, this module provides reliable performance across its defined range. For addressing, it necessitates 2 input words, optimizing the organization of data inputs. The input current falls between 11.1 and 13.2 mA, with a maximum leakage current recorded at 1.9 mA, contributing to its dependable functionality.

This module has a bus current requirement of 250 mA, which supports effective communication across connected devices. Additionally, it achieves a maximum power dissipation of 10.9 W, signifying efficient energy usage throughout its operation. Designed for environments with ambient temperatures ranging from 0 to 60 °C, it ensures stable performance under various conditions. Weighing in at 0.34 kg, this module has a standard format and is CE marked for compliance, showcasing its quality. The 140DAI35300C also adheres to established standards including UL 508 and CSA, asserting its credibility in industrial applications.

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