

Schneider Series Service Manual

140DAI35300C

1. 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.

2. Specifications

Specification	Value
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.

3. Product Information

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Technical specifications for 140DAI35300C

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Product Line Modicon Quantum

Part Number 140DAI35300C

EAN 3595861135840

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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.