

# Schneider 140DAI74000C Manual

|                |                       |
|----------------|-----------------------|
| Brand          | Schneider             |
| Product Series | Schneider             |
| Product Type   | Discrete input module |

## Description

The 140DAI74000C discrete input module by Schneider Electric, part of the Modicon Quantum series, comprises 16 input channels and is designed for 230 VAC operation. It features a compact construction, conforming to both UL 508 and CSA standards, and offers reliable performance within a 0 to 60 °C temperature range.

Technical specifications for 140DAI74000C

Manufacturer Schneider Electric

Product Type Discrete input module

Product Line Modicon Quantum

Part Number 140DAI74000C

EAN 3595861135932

Input Channels 16

Input Voltage 230 VAC

Addressing Requirement 1 input word

Input Current 9.7 to 11.5 mA

Max Leakage Current 2.6 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

Protective Treatment Conformal coating

## Description

The Schneider Electric 140DAI74000C is a discrete input module belonging to the Modicon Quantum series. This module is capable of managing 16 input channels, allowing for efficient data acquisition. It operates at an input voltage of 230 VAC, making it compatible with various industrial systems. Addressing for this unit requires just one input word, simplifying integration into existing setups.

The input current specification ranges from 9.7 mA to 11.5 mA, with a stipulated maximum leakage current of 2.6 mA. This module is designed to draw a bus current of 180 mA, facilitating reliable communication within a controlled environment. Power dissipation is kept under control, with a maximum threshold of 5.5 watts to ensure operational efficiency.

Constructed with a standard format, the 140DAI74000C weighs approximately 0.35 kg, ensuring lightweight deployment options. It can function efficiently within an ambient temperature range of 0 to 60 °C, accommodating various installation aspects. The unit adheres to industry standards such as UL 508 and CSA, underscoring its reliability and quality. Additionally, a conformal coating provides extra protective measures, enhancing the module's durability and performance in demanding conditions.

## Technical Specifications

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Max Leakage Current 2.6 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  
Protective Treatment Conformal coating

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