

Schneider Series Service Manual

140DDM69000

1. Description

The 140DDM69000 I/O module from Schneider Electric is designed for applications in the Modicon Quantum series. This unit accommodates discrete input and output operations with a total of 8 I/O points, including 4 discrete inputs and 4 discrete outputs.

2. Specifications

Specification	Value
Manufacturer	Schneider Electric
Product	Line Modicon Quantum
Part	Number 140DDM69000
EAN	3595861136939
Weight	1.50 lbs (0.68 kg)
Description	I/O Module
I/O	Type Discrete
Total	Number of I/O Points 8
Number	of Discrete Inputs 4
Discrete	Input Logic Sink
Number	of Discrete Outputs 4
Discrete	Output Logic Sink or Source
Discrete	Output Technology Solid State, Isolated
Discrete	I/O Voltage 19.2 to 156.2 VDC
Max.	Leakage Current 1.2 mA at 150 VDC
Bus	Current Requirement 350 mA

3. Product Information

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Technical specifications for 140DDM69000

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Product Line Modicon Quantum

Part Number 140DDM69000

EAN 3595861136939

Weight 1.50 lbs (0.68 kg)

Description I/O Module

I/O Type Discrete

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Discrete Output Technology Solid State, Isolated

Discrete I/O Voltage 19.2 to 156.2 VDC

Max. Leakage Current 1.2 mA at 150 VDC

Bus Current Requirement 350 mA

Description

The Schneider Electric 140DDM69000 module serves an integral role in the Modicon Quantum setup, functioning as a discrete I/O module. This component offers an efficient solution with 8 I/O points in total: 4 inputs and 4 outputs. It supports discrete input logic in a sinking configuration, ensuring accurate signal reception. The outputs also provide flexibility, allowing either sinking or sourcing operation, and are built utilizing solid-state technology, which enhances reliability and performance in demanding conditions.

Voltage capabilities are notable, accommodating a range between 19.2 VDC and 156.2 VDC. The component limits leakages to a maximum of 1.2 mA at 150 VDC, ensuring safe operation. For effective communication, the bus current requirement is specified at 350 mA. Weighing only 0.3 kg (0.7 lbs), the module's compact design is also efficient in terms of space. The physical dimensions measure 163 mm in height, 45 mm in width, and 312 mm in depth, or equivalently, 6.42 in x 1.77 in x 12.28 in, making it a streamlined addition for various I/O needs in industrial automation.