

Schneider Series Service Manual

140NOE35100

1. Description

The Modicon Quantum 140NOE35100 Ethernet module manufactured by Schneider Electric is designed for seamless integration in various control environments. This device features a singular communication channel, utilizing fiber optic cabling, and supports two 10BASE-FL Ethernet (ST-style) ports for robust connectivity.

2. Specifications

Specification	Value
Manufacturer	Schneider Electric
Product	Type Ethernet Module
Product	Line Modicon Quantum
Part	Number 140NOE35100
Number	of Channels 1 channel
Cable	Type Fiber optic cable
Communication	Port Two 10BASE-FL Ethernet (ST-style) ports
Required	Bus Current for the Ethernet Port 1 Amperes
Coating	Type Conformal coating
Backplane	Support Only for local backplane
Compliance	Standards UL, c-UL, CE, and CSA-certified
Power	Supply Voltage 115 to 230 Volts AC or 24 Volts DC
Ambient	Operating Temperature 0 to 60°C (in a non-condensing environment)
Humidity	Tolerance 0% to 95% relative humidity (without condensation)
Operating	Altitude 6,561.68 feet (2,000 meters) above sea level

3. Product Information

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Technical specifications for 140NOE35100

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Product Type Ethernet Module

Product Line Modicon Quantum

Part Number 140NOE35100

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Cable Type Fiber optic cable

Communication Port Two 10BASE-FL Ethernet (ST-style) ports

Required Bus Current for the Ethernet Port 1 Amperes

Coating Type Conformal coating

Backplane Support Only for local backplane

Compliance Standards UL, c-UL, CE, and CSA-certified

Power Supply Voltage 115 to 230 Volts AC or 24 Volts DC

Ambient Operating Temperature 0 to 60°C (in a non-condensing environment)

Humidity Tolerance 0% to 95% relative humidity (without condensation)

Operating Altitude 6,561.68 feet (2,000 meters) above sea level

Description

The 140NOE35100 from Schneider Electric falls within the Modicon Quantum series and functions as a dedicated Ethernet module. It encompasses one channel and is reliant on fiber optic cable systems for its communication. Designed for flexibility, the module includes two ports for 10BASE-FL Ethernet connections in ST style, facilitating reliable data transfer within industrial networks.

For operational efficiency, the Ethernet port mandates a bus current of 1 Ampere. Protective conformal coating is applied to safeguard the unit in various environments. Notably, this module is limited to local backplane support, ensuring focused connectivity.

In terms of compliance, it meets the rigorous standards outlined by UL, c-UL, CE, and CSA, attesting to its safety and reliability in diverse applications. The powered module operates efficiently under voltage conditions of 115 to 230 Volts AC or 24 Volts DC.

The operating temperature for this device falls between 0 to 60°C, specifically within non-condensing conditions. Additionally, it can withstand relative humidity levels ranging from 0% to 95%, making it suitable for a variety of climates. Its operational altitude can reach up to 6,561.68 feet (2,000 meters) above sea level, expanding its applicability in various installations and environments.