

Schneider 140NOL91100 Manual

Brand	Schneider
Product Series	Schneider
Product Type	Modicon Quantum Transceiver

Description

The 140NOL91100 is a Modicon Quantum transceiver designed for seamless integration within Schneider Electric's Modicon series. Its LON interface supports a data transfer rate of 1.25 Mbps.

Technical specifications for 140NOL91100

Manufacturer Schneider Electric

Product Type Modicon Quantum Transceiver

Product Line Modicon

Part Number 140NOL91100

Weight 0.06 lbs (0.03 kg)

Interface LON (Local Operating Network)

Operating Temperature 0°C to 60°C

Data Rate 1.25 Mbps

Network Protocol LonWorks (FTT-10)

Humidity Range 10% to 95% RH non-condensing

Mounting Type Mounts on Modicon Quantum rack system

Power Supply 24 VDC

Connector Type Screw terminal

Compliance CE, UL, cUL

Description

The 140NOL91100, part of Schneider Electric's Modicon series, functions as a Modicon Quantum transceiver, vital for establishing Local Operating Network (LON) connections. It offers a data transmission rate of 1.25 Mbps, ensuring efficient communication within the network. This module is suitable for use in environments with operating temperatures from 0°C to 60°C, making it adaptable to varying conditions.

Designed for specific installation, it mounts directly onto the Modicon Quantum rack system, facilitating an organized and systematic setup. The unit weighs only 0.2 kg, contributing to lightweight deployment in your network architecture. It's built to handle a humidity range of 10% to 95% relative humidity, confirming its resilience in non-condensing installations.

The module utilizes the LonWorks (FTT-10) network protocol for robust communication and requires a 24 VDC power supply for operation. Connections are secured through screw terminal types, ensuring stability in electrical connections. Moreover, it complies with key safety and quality standards, including CE, UL, and cUL, assuring reliability and acceptance in various applications.

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