

Schneider Series Service Manual

140NOL91100

1. 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.

2. Specifications

Specification	Value
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.

3. Product Information

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Technical specifications for 140NOL91100

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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.