

Schneider 140NOL91110 Manual

Brand	Schneider
Product Series	Schneider
Product Type	Quantum Transceiver

Description

The 140NOL91110 by Schneider Electric is a transceiver that integrates with the Modicon Quantum series. It supports a Lonworks interface, allowing for effective data communication. Designed for stable operation, this unit functions well within specific temperature and humidity ranges.

Technical specifications for 140NOL91110

Manufacturer Schneider Electric

Product Type Quantum Transceiver

Product Line Modicon Quantum

Part Number 140NOL91110

Weight 15.00 lbs (6.80 kg)

Interface Type Lonworks Interface

Storage Temperature Range -40°C to 85°C

Transmission Type TPT/XF-78

Data Transmission Rate 78 kbps

Mounting Type DIN Rail

Bus Voltage 24 V

Power Supply 24 V DC

Current Rating 150 mA

Operating Temperature Range -20°C to 60°C

Maximum Operating Humidity 80% RH (non-condensing)

Maximum Storage Humidity 80% RH (non-condensing)

Maximum Operating Altitude 1000 meters above sea level without derating

Maximum Storage Altitude 1000 meters above sea level

Description

Schneider Electric's 140NOL91110 transceiver is engineered for integration into the Modicon Quantum series, facilitating Lonworks networking. This model offers reliable performance across a temperature spectrum from -20°C to 60°C. For extreme conditions, it can handle storage temperatures as low as -40°C and up to 85°C. The transmission method utilized is TPT/XF-78, achieving a data rate of 78 kbps so that information can be sent promptly and efficiently.

The device is installed via a DIN rail mount, promoting easy integration into existing setups. It operates on a 24 V DC power supply and requires a current rating of 150 mA for optimal functionality. The design accommodates various environmental challenges, with a maximum operating humidity of 80% RH, ensuring non-condensing conditions. Additionally, it maintains reliability at altitudes of up to 1000 meters above sea level during both operation and storage.

Weighing 0.45 kg, this transceiver is both lightweight and efficient, making it an ideal choice for applications requiring robust data transmission capabilities within specified limits. The focus on operational resilience and adaptability makes the 140NOL91110 a valuable component in various automation systems.

Technical Specifications

Manufacturer Schneider Electric
Product Type Quantum Transceiver
Product Line Modicon Quantum
Part Number 140NOL91110
Weight 15.00 lbs (6.80 kg)
Interface Type Lonworks Interface
Storage Temperature Range -40°C to 85°C
Transmission Type TPT/XF-78
Data Transmission Rate 78 kbps
Mounting Type DIN Rail
Bus Voltage 24 V
Power Supply 24 V DC
Current Rating 150 mA
Operating Temperature Range -20°C to 60°C
Maximum Operating Humidity 80% RH (non-condensing)
Maximum Storage Humidity 80% RH (non-condensing)
Maximum Operating Altitude 1000 meters above sea level without derating
Maximum Storage Altitude 1000 meters above sea level

www.AutoDCSTech.com