

Schneider Series Service Manual

140NOC77100

1. Description

The 140NOC77100 module from Schneider Electric's Modicon Quantum series serves as a network module facilitating communication over the EtherNet/IP protocol. This module supports up to 128 simultaneous connections, and provides a transmission rate of 10/100 Mbit/s, ensuring effective data transfer and connectivity.

2. Specifications

Specification	Value
Manufacturer	Schneider Electric
Product	Line Modicon Quantum
Part	Number 140NOC77100
Product	Network Module
Communication	Port Protocol EtherNet/IP
Maximum	Number of Connections 128
Transmission	Rate 10/100 Mbit/s
Transmission	Support Medium Twisted Pair
Port	Ethernet RJ45
Local	Signalling LED
Current	Consumption 500 mA
Degree	of Protection IP20
Standards	UL 508
Supply	Via The Power Supply of Rack

3. Product Information

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Technical specifications for 140NOC77100

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Local Signalling LED

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Degree of Protection IP20

Standards UL 508

Supply Via The Power Supply of Rack

Description

The Schneider Electric 140NOC77100 is a dedicated network module within the Modicon Quantum series designed for robust industrial networking. It is capable of facilitating communication using the EtherNet/IP protocol, allowing seamless integration within automated systems. With specifications that accommodate up to 128 connections, this module helps streamline network communication across devices.

Data transmission occurs at a rate of 10/100 Mbit/s, supporting rapid data exchange crucial for efficient operations. The twisted pair medium is standard for this type of connectivity, ensuring reliable signal integrity. An RJ45 connection port is available for straightforward Ethernet connectivity, enabling quick and efficient installation.

Local signaling is provided through integrated LED indicators, which offer visual confirmation of connectivity and operational status. The current consumption for the network module stands at 500 mA, which allows for efficient power management within the system. Weighing 0.345 kg, the module offers a lightweight solution for connectivity needs.

In terms of environmental durability, the 140NOC77100 features an IP20 protection rating, which is suitable for clean, indoor environments. It is compliant with UL 508 standards, ensuring that it meets essential safety and performance criteria. The device is powered through the rack's power supply, further simplifying installation and reducing the need for external power sources.