

Schneider Series Service Manual

140NOE77111C

1. Description

The 140NOE77111C Ethernet module from Schneider Electric is designed for Modicon Quantum series applications. Operating with Ethernet Modbus TCP/IP protocol, it enables seamless communication with a net speed of 10/100 Mbit/s.

2. Specifications

Specification	Value
Manufacturer	Schneider Electric
Product	Type Ethernet module
Product	Line Modicon Quantum
Part	Number 140NOE77111C
EAN	3595862055819
Web	Server Class C30
Concept	Transparent ready
Communication	Port Protocol Ethernet Modbus TCP/IP
Transmission	Rate 10/100 Mbit/s
Marking	CE
Supply	Via the power supply of the rack
Current	Consumption 750 mA 5 V DC
Format	Standard
Protection	Class IP20
Certifications	UL 508, cUL
Ambient	Temperature 0 to 60 °C
Humidity	95 % without condensation

3. Product Information

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Technical specifications for 140NOE77111C

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Ambient Temperature 0 to 60 °C

Humidity 95 % without condensation

Description

The 140NOE77111C from Schneider Electric is an Ethernet module that serves as a vital component of Modicon Quantum systems. This module, intended for Ethernet Modbus TCP/IP communication, enables efficient data transfer with a transmission rate of 10/100 Mbit/s. Remarkably, it is classified as Class C30 for web server applications and marked with CE, showcasing compliance with required standards.

In terms of power, the module consumes 750 mA at 5 V DC. It conveniently receives power via the rack's supply system, eliminating the need for additional external power sources. Weighing in at 0.345 kg, this module can easily fit into standard installations without adding significant burden. Its construction meets the IP20 protection class, safeguarding it against dust and other particulates, ensuring reliable performance in various environments.

Designed for versatile operation, it can function within ambient temperatures ranging from 0 to 60 °C. Furthermore, it can withstand humidity levels of up to 95% without any risk of condensation, broadening its applicability in diverse industrial settings. The 140NOE77111C module is certified according to UL 508 and cUL standards, affirming its reliability and safety for use in various control systems.