

# 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

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.

Technical specifications for 140NOE77111C

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

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.