

Schneider Electric 140NOE77110

FactoryCast Ethernet TCP/IP network module

Schneider Electric 140NOE77110 is a Modicon Quantum FactoryCast Ethernet module providing Modbus TCP messaging, SNMP and copper or fiber Ethernet interfaces.

Function	Ethernet TCP/IP module
FactoryCast class	Configurable Class C20
Messaging	Modbus TCP
Management	SNMP
Copper port	RJ45 10/100BASE-TX
Fiber port	MT-RJ 100BASE-FX

EXACT MODEL

140NOE77110 is the controlled service identity. Do not shorten or normalize the suffix.

SYSTEM BOUNDARY

Archive the complete network and FactoryCast configuration before removing the module.

ACCEPTANCE RECORD

Record the installed position, wiring or network identity, configuration and final functional test.

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Copper port	RJ45 10/100BASE-TX
Fiber port	MT-RJ 100BASE-FX

Data rate	10 / 100 Mbit/s
Redundancy	Hot standby supported
Power source	Rack powered
Bus current	750 mA at 5 V
Protection	IP20
Operating temperature	0 to 60 degrees C

ENGINEERING CHECK

Compare every applicable field value with the installed nameplate, electrical drawings and controller configuration before release.

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QUANTUM ETHERNET SERVICES
Connects a Quantum rack to documented Modbus TCP and management networks.

FACTORYCAST DIAGNOSTICS
Provides the embedded FactoryCast class functions configured for the installation.

COPPER OR FIBER UPLINK
Uses the exact RJ45 or MT-RJ interface selected by the network design.

HOT-STANDBY COMMUNICATIONS
Participates in the documented redundant processor architecture.

Identity	140NOE77110
Series	Modicon Quantum
Role	FactoryCast Ethernet TCP/IP network module
Release boundary	Archive the complete network and FactoryCast configuration before removing the module.

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FactoryCast Ethernet TCP/IP network module

Which protocols are central to 140NOE77110?

The module supports Ethernet TCP/IP services including Modbus TCP messaging and SNMP management.

Which physical interfaces are present?

It provides RJ45 10/100BASE-TX copper and MT-RJ 100BASE-FX fiber interfaces.

What should be backed up before replacement?

Retain the IP settings, FactoryCast configuration, routing, SNMP data and application references.

Does a live link LED prove the application is correct?

No. Link state does not confirm addressing, messaging, redundancy or controller configuration.

How is the module powered?

It is supplied from the Quantum rack and draws the published 5 V bus current.

Can a 140NOE77101 configuration be copied blindly?

No. This page covers 140NOE77110; verify the exact order number and configuration file.

DECISION RULE

When the installed marking or project record conflicts with a catalog assumption, stop and verify the exact Schneider Electric documentation before service.

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FactoryCast Ethernet TCP/IP network module

01 / Confirm the complete 140NOE77110 marking, rack or drive position and controlled maintenance record.

02 / Place the connected machine and control system in the approved safe maintenance state.

03 / Isolate every documented power and field circuit, then prove the absence of hazardous energy.

04 / Record the function and published value Ethernet TCP/IP module; do not replace it with a nearby family value.

05 / Preserve the factorycast class and published value Configurable Class C20, terminal labels, cable identities, shield and grounding arrangement.

06 / Protect connectors and electronics with grounded ESD controls and clean handling practices.

07 / Restore wiring and power only after a point-by-point inspection against the service record.

08 / Archive the complete network and FactoryCast configuration before removing the module.

RETURN-TO-SERVICE

Release only after the documented signal, network or motion response is proven and the final acceptance record is retained.

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SOURCE LEDGER

Schneider Electric 140NOE77110 Product Data Sheet

The exact manufacturer product data sheet is retained unchanged in Manuals 2.

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SELECTED APTER POWER CATALOG LINKS

Browsing references only. No compatibility, replacement or interchangeability claim is implied.

[View Schneider Electric 140NOE77101](#)

[View Schneider Electric 140ARI03010](#)

[View Schneider Electric 140CPS11100](#)

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