### Product datasheet

#### Characteristics

**140NOE77111**

Ethernet network TCP/IP module - class C30 - FactoryCast configurable

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**Commercial status**

To be discontinued on: 31 December 2021

End-of-service soon on: 31 December 2029

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**Main**

- **Range of product**: Modicon Quantum automation platform
- **Product or component type**: Ethernet network TCP/IP module
- **Concept**: Transparent Ready
- **Web server**: Class C30
- **Web services**: Rack viewer, FactoryCast configurable, Data editor
- **Communication service**: Bandwidth management, NTP time synchronization, SNMP network management, I/O scanning, Modbus TCP messaging, SMTP e-mail notification, FDR server, Global Data
- **Communication port protocol**: Ethernet Modbus TCP/IP
- **Physical interface**: MT/RJ - 100BASE-FX fiber optic, RJ45 - 10BASE-T/100BASE-TX twisted pair
- **Transmission rate**: 10/100 Mbit/s

**Complementary**

- **Redundancy**: Yes hot standby redundant architecture
- **Supply**: Via the power supply of the rack
- **Marking**: CE
- **Local signalling**:
  - 1 LED for 10 Mbps or 100 Mbps data rate (10 MB/100 MB)
  - 1 LED for collision detection (Coll)
  - 1 LED for download mode (Kernel)
  - 1 LED for Ethernet module fault (Fault)
  - 1 LED for Ethernet network status (RUN)
  - 1 LED for full-duplex mode (Fduplex)
  - 1 LED for module ready (Ready)
  - 1 LED for network active (Link)

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications.
1 LED for rack operational (Active)
1 LED for transmission/reception activity (TxAct/RxAct)

Current consumption 750 mA at 5 V DC
Module format Standard
Net weight 0.345 kg

Environment
IP degree of protection IP20
Product certifications UL 508
CUL
Standards FM Class 1 Division 2
CSA C22.2 No 142
Resistance to electrostatic discharge 4 kV contact conforming to IEC 801-2
8 kV on air conforming to IEC 801-2
Resistance to electromagnetic fields 10 V/m 80...1000 MHz conforming to IEC 801-3
Ambient air temperature for operation 0…60 °C
Ambient air temperature for storage -40…85 °C
Relative humidity 95 % without condensation
Operating altitude <= 4500 m

Packing Units
Unit Type of Package 1 PCE
Number of Units in Package 1 1
Package 1 Weight 587 g
Package 1 Height 5 cm
Package 1 width 16.5 cm
Package 1 Length 31 cm
Package 2 Weight 4.624 kg

Offer Sustainability
Sustainable offer status Green Premium product
EU RoHS Directive Pro-active compliance (Product out of EU RoHS legal scope)
EU RoHS Declaration
Mercury free Yes
RoHS exemption information Yes
China RoHS Regulation China RoHS declaration
Environmental Disclosure Product Environmental Profile
Circularity Profile End of Life Information
WEEE The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

Contractual warranty
Warranty 18 months
Racks for Modules Mounting

Dimensions of Modules and Racks

140NOE77111 is replaced by:

Standard environment BMENOC0311
Ethernet module M580 - 3-port FactoryCast Ethernet communication
Qty 1

Reason for substitution: End of life | Substitution date: 30 September 2019 | Linking to group 1