

Product datasheet

Specifications



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

140NOE77111

! To be discontinued on: 31 December 2021

! To be end-of-service on: 31 December 2029

! To be discontinued

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) 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	499 g
Package 1 Height	4.7 cm
Package 1 width	16.5 cm
Package 1 Length	31.5 cm
Unit Type of Package 2	S03
Number of Units in Package 2	7
Package 2 Weight	3.9 kg
Package 2 Height	30 cm
Package 2 width	30 cm
Package 2 Length	40 cm

Offer Sustainability

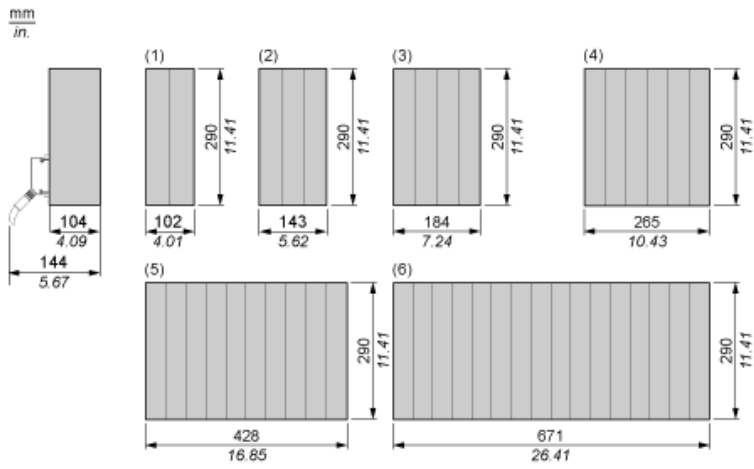
Sustainable offer status	Green Premium product
REACH Regulation	REACH Declaration
REACH free of SVHC	Yes
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	China RoHS declaration
Environmental 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
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Racks for Modules Mounting

Dimensions of Modules and Racks



- (1) 2 slots
- (2) 3 slots
- (3) 4 slots
- (4) 6 slots
- (5) 10 slots
- (6) 16 slots

Recommended replacement(s)

140NOE77111 is replaced by:

1x



Communication module, Modicon M580, Ethernet 3 port FactoryCast Ethernet
BMENOC0311