

Product datasheet

Specifications



Modicon Quantum Ethernet communication module - RJ45 - 10/100 Mbit/s

140NOC77101

! Discontinued on: 09 July 2018

! To be end-of-service on: 31 December 2026

! Discontinued - Service only

Main

Range of product	Modicon Quantum automation platform
Product or component type	Ethernet communication module

Complementary

Product compatibility	All Unity CPU
Communication port protocol	EtherNet/IP Modbus TCP
Exchange mode	Full duplex
Maximum number of connections	128
Transmission rate	10/100 Mbit/s
Redundancy	No standalone
Web server	Transparent ready class B30
Communication service	DHCP/BootP server Quality of Service (QoS) CIP implicit messaging (I/O communication) SOAP XML Web (client/server) SNMP agent FDR server Modbus TCP messaging CIP Explicit messaging (server and client messaging)
Web services	Data Editor (via PC terminal) Rack viewer
Transmission support medium	Twisted pair
Port Ethernet	RJ45: 10BASE-T/100BASE-TX
Marking	CE
Supply	Via the power supply of the rack
Local signalling	1 LED (green) for communication on the bus (Active) 1 LED (green) for configuration status (Ready) 1 LED (green) for connection speed (100MB) 1 LED (green) for Ethernet network status (link) 1 LED (green/red) for module status (Mod Status) 1 LED (green/red) for network communication status (Net Status) 1 LED (green) for full-duplex mode (Fduplex) 1 LED (green) for transmission activity
Current consumption	400 mA at 5 V DC
Module format	Standard

Net weight	0.345 kg
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Environment

Standards	EN 55011 EN 61131-2 UL 508 CSA C22.2 No 142 FM 3611 Class 1 Division 2 IEEE 802.3
Product certifications	Merchant Navy ODVA
IP degree of protection	IP20
Ambient air temperature for operation	0...60 °C
Relative humidity	10...95 % at 60 °C without condensation

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	448 g
Package 1 Height	5 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	3.178 kg
Package 2 Height	30 cm
Package 2 width	30 cm
Package 2 Length	40 cm

Offer Sustainability

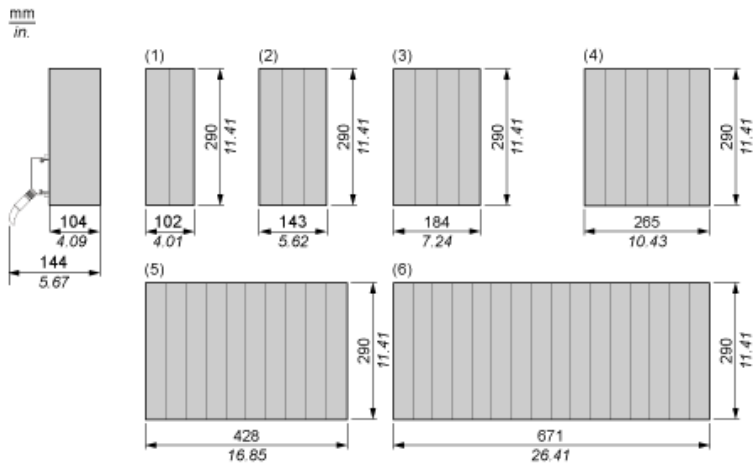
Sustainable offer status	Green Premium product
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End of Life Information

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)

140NOC77101 is replaced by:

1x



Communication module, Modicon M580, Ethernet 3 port Ethernet
BMENOC0301