Product datasheet

Specifications

Green Premium™

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

140NOC77101

Discontinued on: 9 July 2018

To be end-of-service on: 31 Dec 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

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

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 Height	5.0 cm
Package 1 Width	16.5 cm
Package 1 Length	31.5 cm
Package 1 Weight	448.0 g
Unit Type Of Package 2	S03
Number Of Units In Package 2	7
Package 2 Height	30.0 cm
Package 2 Width	30.0 cm
Package 2 Length	40.0 cm
Package 2 Weight	3.178 kg

Contractual warranty

Warranty	18 months

Sustainability

Green Premium™ label is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO_2 products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

Learn more about Green Premium >

Guide to assess a product's sustainability >

RoHS/REACh

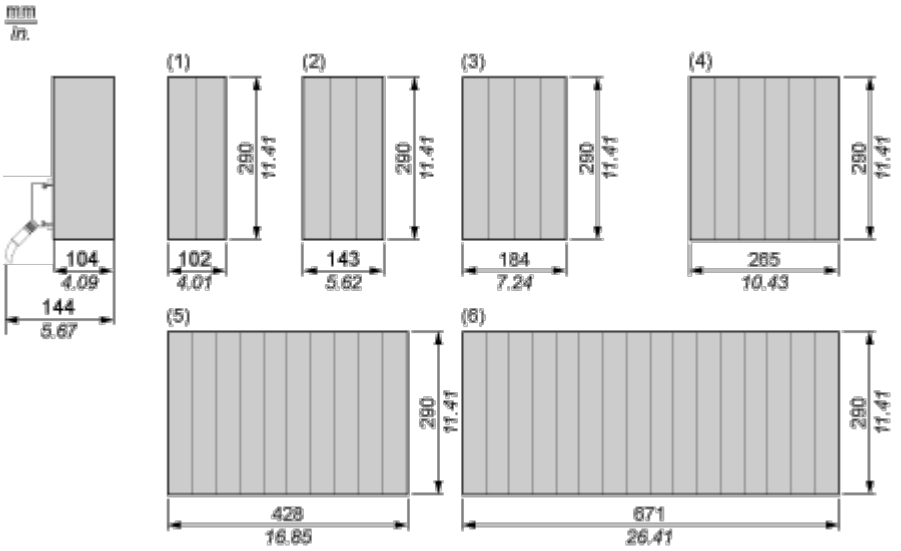
Certifications & Standards

Eu Rohs Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
Circularity Profile	End of Life Information

Dimensions Drawings

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