Product data sheet

Specifications

Ethernet control module, Modicon Quantum, Modbus TCP, EtherNet I/P, 10/100Mbit/s

140NOC78100

ⓘ **Discontinued on:** Dec 31, 2018

ⓘ **To be end-of-service on:** Dec 31, 2026

ⓘ **Discontinued - Service only**

Main

Range Of Product	Modicon Quantum automation platform
Product Or Component Type	Ethernet control module

Complementary

Product Compatibility	140CPU6xxxx
Communication Port Protocol	Modbus TCP EtherNet/IP
Exchange Mode	Full duplex
Maximum Number Of Connections	64
Transmission Rate	10/100 Mbit/s
Redundancy	Yes hot standby redundant architecture
Topology	Daisy chain loop Redundant ring
Web Server	Embedded
Communication Service	NTP time synchronization FDR server CIP implicit messaging (I/O communication) CIP Explicit messaging (client messaging) Embedded router SNMP agent Quality of Service (QoS) SMTP e-mail notification Embedded 4-port switch Device Type Manager (DTM) DHCP/BootP server
Ethernet Service	Rapid Scanning Tree Protocol (RSTP)
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/red) for module status (Mod Status) 1 LED (green/red) for network communication status (Net Status) 1 LED (green/red) for device network status (Net Status 1) 1 LED (green/red) for extended DIO network status (Net Status 2)
Module Format	Standard
Net Weight	0.345 kg

Environment

Standards	UL 508 EN 55011 EN 61131-2 FM Class 1 Division 2 EN 61131-1 IEC 61000-4-16 CSA C22.2 No 142
Product Certifications	hazardous location class 1, division 2 C-Tick GOST LR Merchant Navy
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	4.5 cm
Package 1 Width	16.5 cm
Package 1 Length	31.5 cm
Package 1 Weight	556.0 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	4.292 kg

Contractual warranty

Warranty	18 months

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Learn more about Green Premium 〉

Guide to assess a product's sustainability 〉

RoHS/REACh

Certifications & Standards

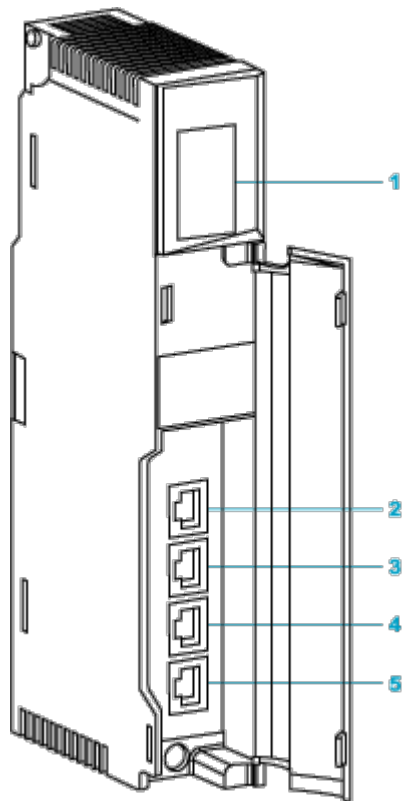|	
Eu Rohs Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
Circularity Profile	End of Life Information

Presentation

Presentation
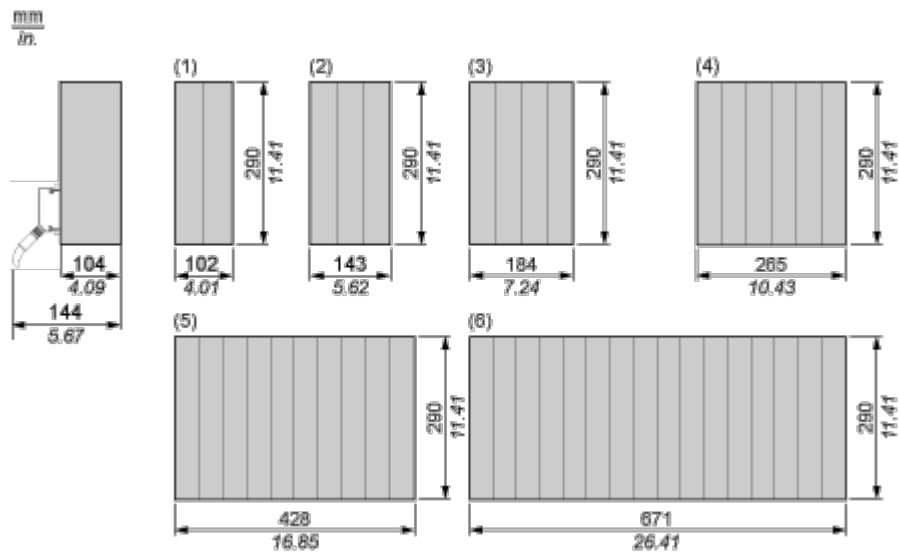

1   LED display

2   SERVICE/EXTEND port (ETH 1)

3   INTERLINK port (ETH 2)

4   CTRL NETWORK port (ETH 3)

5   CTRL NETWORK port (ETH 4)

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