

Product datasheet

Specifications



Coated Modicon Quantum Ethernet control network module - RJ45 - 10/100 Mbit/s

140NOC78100C

! Discontinued - Service only

! Discontinued on: 17 Jul 2023

! End-of-service on: 17 Jul 2023

Main

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

Complementary

Product compatibility	140CPU6xxxx
Communication port protocol	EtherNet/IP Modbus TCP
Exchange mode	Full duplex
Maximum number of connections	64
Transmission rate	10/100 Mbit/s
Redundancy	Yes hot standby redundant architecture
Topology	Redundant ring Daisy chain loop
Web server	Embedded
Communication service	DHCP/BootP server SMTP e-mail notification Embedded router CIP implicit messaging (I/O communication) SNMP agent Embedded 4-port switch NTP time synchronization CIP Explicit messaging (client messaging) FDR server Quality of Service (QoS) Device Type Manager (DTM)
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
Product weight	0.345 kg

Excluding VAT, FCA Jabal Ali & are subject to change – check with your local distributor.

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	UL 508 CSA C22.2 No 142 FM Class 1 Division 2 IEC 61000-4-16 EN 61131-1 EN 61131-2 EN 55011
Product certifications	Merchant Navy LR C-Tick GOST hazardous location class 1, division 2
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	568.0 g

Contractual warranty

Warranty (in months)	18
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Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

Use Better



Materials and Substances

EU RoHS Directive

[Compliant](#)

Use Longer



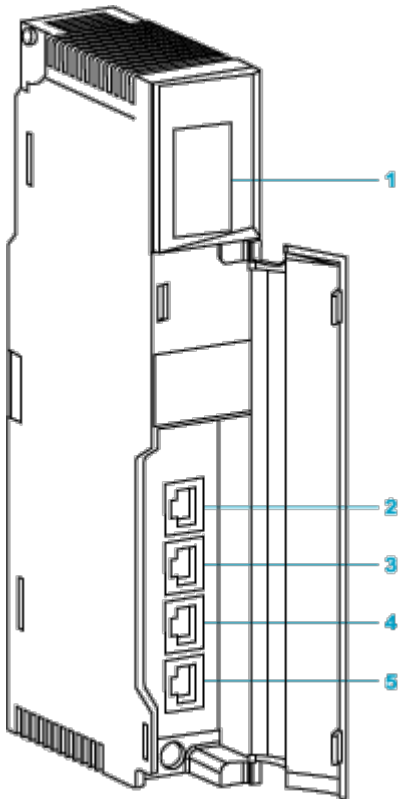
Lifetime extension

Repair

No

Presentation

Presentation

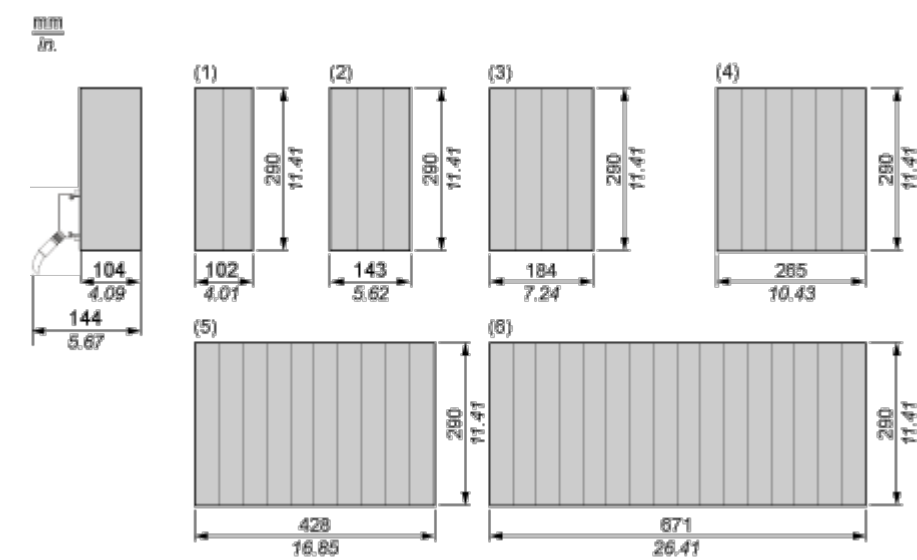


- 1 LED display
- 2 SERVICE/EXTEND port (ETH 1)
- 3 INTERLINK port (ETH 2)
- 4 CTRL NETWORK port (ETH 3)
- 5 CTRL NETWORK port (ETH 4)

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