Product datasheet

Specifications

Green Premium™

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

140NOC78000C

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 I/O head module

Complementary

Product Compatibility	140CPU6xxxx
Communication Port Protocol	EtherNet/IP Modbus TCP
Exchange Mode	Full duplex
Maximum Number Of Connections	128
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 CIP Explicit messaging (client messaging) SNMP agent Embedded 4-port switch Quality of Service (QoS) FDR server CIP implicit messaging (I/O communication) 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

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 61131-2 IEC 61000-4-16 UL 508 CSA C22.2 No 142 EN 61131-1 EN 55011 FM Class 1 Division 2
Product Certifications	hazardous location class 1, division 2 Merchant Navy GOST C-Tick LR
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	570.0 g
Unit Type Of Package 2	S02
Number Of Units In Package 2	2
Package 2 Height	15.0 cm
Package 2 Width	30.0 cm
Package 2 Length	40.0 cm
Package 2 Weight	1.566 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 >

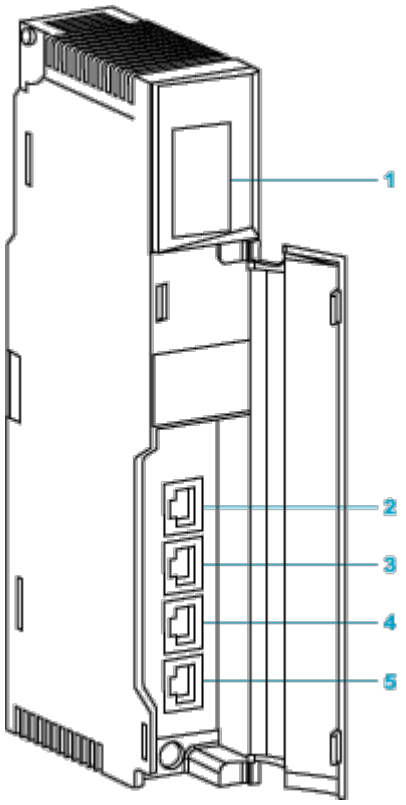
RoHS/REACh

Certifications & Standards

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

Presentation

Presentation



1 LED display

2 SERVICE port (ETH 1)

3 INTERLINK port (ETH 2)

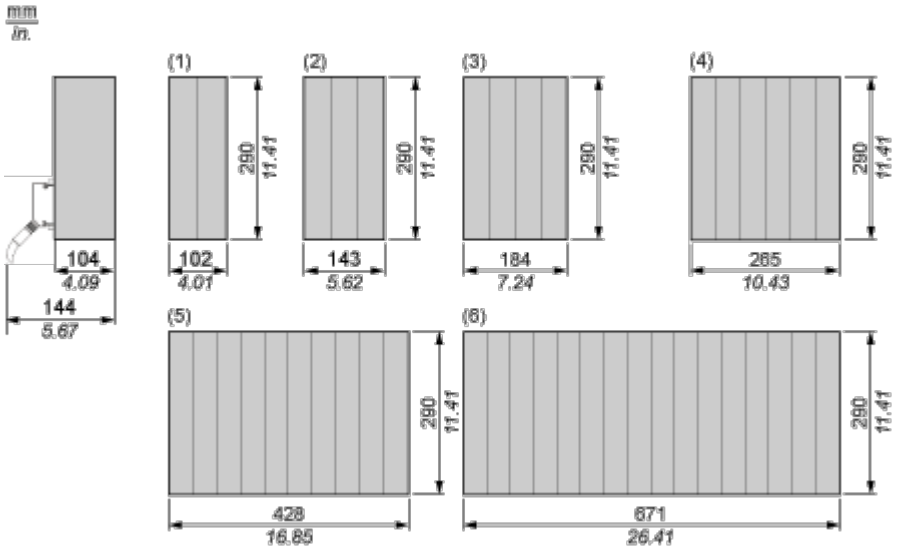
4 DEVICE NETWORK port (ETH 3)

5 DEVICE 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