Product data sheet

Specifications

Green Premium™

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

140NOC78100

Discontinued - Service only

Discontinued on: Dec 31, 2018

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

Product availability: Non-Stock - Not normally stocked in distribution facility

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	for communication on the bus (Active) 1 LED (green) for configuration status (Ready) 1 LED (green) 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) 1 LED (green/red)
Module Format	Standard

Price is “List Price” and may be subject to a trade discount – check with your local distributor or retailer for actual price.

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

Net Weight	0.76 lb(US) (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	32…140 °F (0…60 °C)
Relative Humidity	10…95 % 140 °F (60 °C) without condensation

Ordering and shipping details

Category	US1PC2118150
Discount Schedule	PC21
Gtin	3595864153261
Returnability	No
Country Of Origin	US

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	1.77 in (4.5 cm)
Package 1 Width	6.50 in (16.5 cm)
Package 1 Length	12.40 in (31.5 cm)
Package 1 Weight	19.61 oz (556.0 g)
Unit Type Of Package 2	S03
Number Of Units In Package 2	7
Package 2 Height	11.81 in (30.0 cm)
Package 2 Width	11.81 in (30.0 cm)
Package 2 Length	15.75 in (40.0 cm)
Package 2 Weight	9.46 lb(US) (4.292 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 >

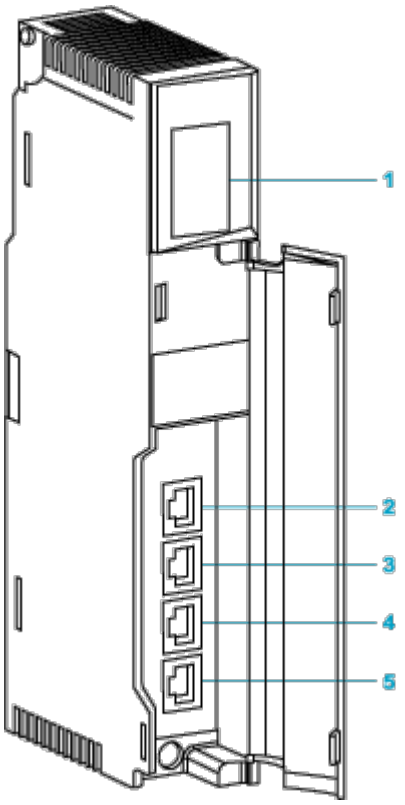
RoHS/REACh

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/EXTEND port (ETH 1)

3 INTERLINK port (ETH 2)

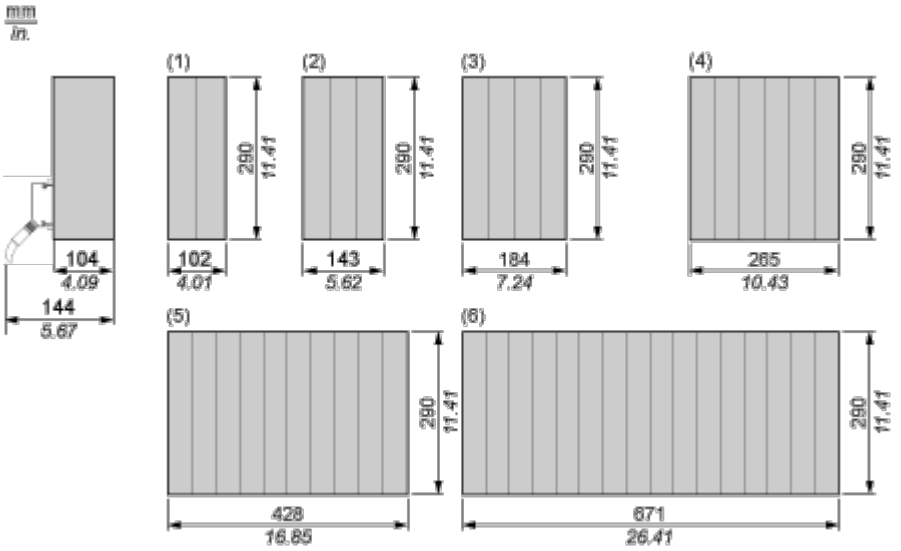
4 CTRL NETWORK port (ETH 3)

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