Product data sheet

Specifications

Green Premium™

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

140NOC78000

⚠ Discontinued on: Dec 31, 2018

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

⚠ **Discontinued - Service only**

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

Main

Range Of Product	Modicon Quantum automation platform
Product Or Component Type	Ethernet I/O head module

Complementary

Product Compatibility	140CPU6xxxx
Communication Port Protocol	Modbus TCP EtherNet/IP
Exchange Mode	Full duplex
Maximum Number Of Connections	128
Transmission Rate	10/100 Mbit/s
Redundancy	Yes hot standby redundant architecture
Topology	Redundant ring Daisy chain loop
Web Server	Embedded
Communication Service	NTP time synchronization Embedded 4-port switch CIP Explicit messaging (client messaging) FDR server Quality of Service (QoS) CIP implicit messaging (I/O communication) SNMP agent 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
Net Weight	0.76 lb(US) (0.345 kg)

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

Environment

Standards	EN 61131-1 IEC 61000-4-16 EN 55011 UL 508 EN 61131-2 FM Class 1 Division 2 CSA C22.2 No 142
Product Certifications	Merchant Navy GOST hazardous location class 1, division 2 LR C-tick
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	3595864153247
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	12.60 in (32.0 cm)
Package 1 Weight	19.65 oz (557.0 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	9.92 lb(US) (4.5 kg)

Contractual warranty

Warranty	18 months

Sustainability

Green Premium^TM 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)
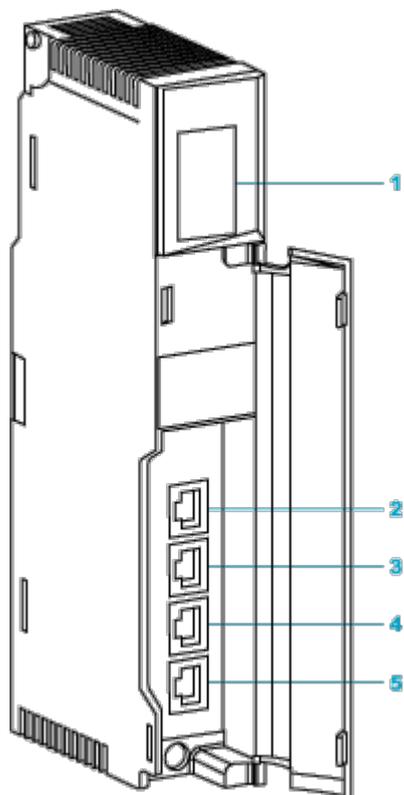
                                EU RoHS Declaration

Circularity Profile   End of Life Information
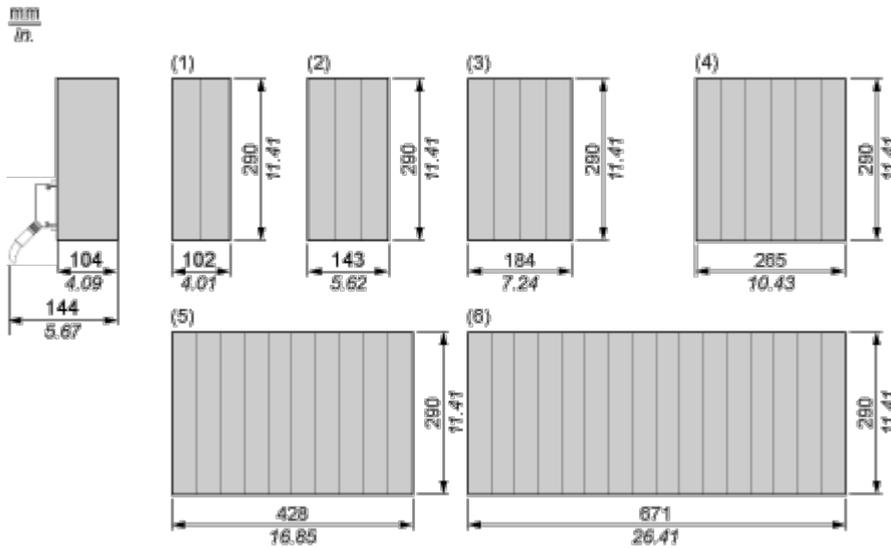
Presentation

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)

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Dimensions Drawings

Racks for Modules Mounting

Dimensions of Modules and Racks

mm
in.

(1) 2 slots

(2) 3 slots

(3) 4 slots

(4) 6 slots

(5) 10 slots

(6) 16 slots