

Product data sheet

Specifications



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

140NOC78000

! 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 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	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	0.761 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

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	1.8 in (4.5 cm)
Package 1 Width	6.5 in (16.5 cm)
Package 1 Length	12.6 in (32.0 cm)
Package weight(Lbs)	19.6 oz (557.0 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



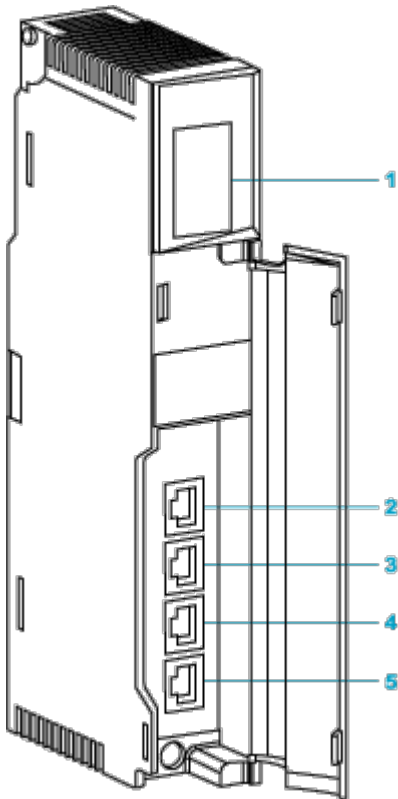
Lifetime extension

Repair

No

Presentation

Presentation

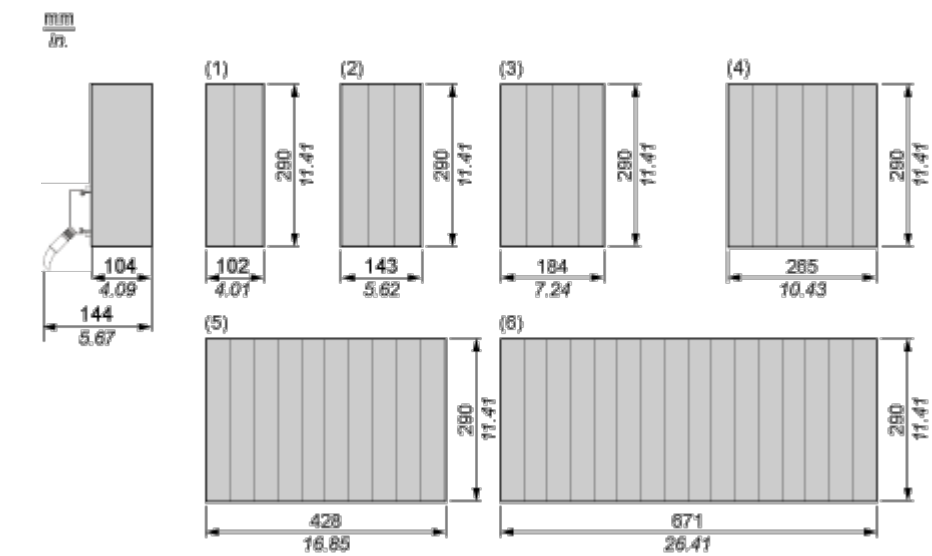


- 1 LED display
- 2 SERVICE port (ETH 1)
- 3 INTERLINK port (ETH 2)
- 4 DEVICE NETWORK port (ETH 3)
- 5 DEVICE NETWORK port (ETH 4)

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