



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	Redundant ring Daisy chain loop
Web server	Embedded
Communication service	CIP Explicit messaging (client messaging) CIP implicit messaging (I/O communication) FDR server NTP time synchronization SNMP agent Embedded 4-port switch DHCP/BootP server Quality of Service (QoS) Device Type Manager (DTM)
Ethernet service	Rapid Scanning Tree Protocol (RSTP)
Transmission support medium	Twisted pair
Port Ethernet	10BASE-T/100BASE-TX, connector type: RJ45
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 device network status (Net Status 1)

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

1 LED green/red for extended DIO network status (Net Status 2)
1 LED green/red for module status (Mod Status)
1 LED green/red for network communication status (Net Status)

Module format	Standard
Product weight	0.345 kg

Environment

Standards	CSA C22.2 No 142 EN 55011 EN 61131-2 FM Class 1 Division 2 IEC 61000-4-16 UL 508 EN 61131-1
Product certifications	C-Tick GOST LR Hazardous location class 1, division 2 Merchant Navy
IP degree of protection	IP20
Ambient air temperature for operation	0...60 °C
Relative humidity	10...95 % at 60 °C - without condensation

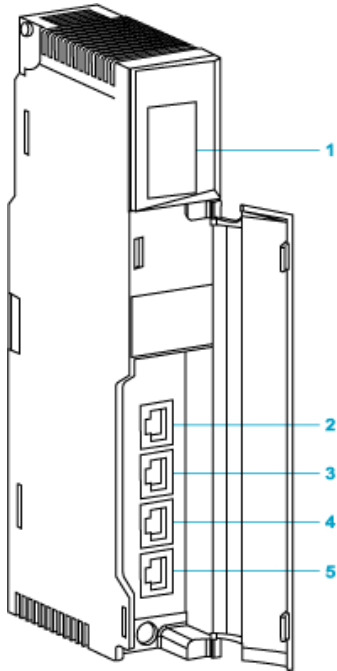
Offer Sustainability

Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 1208 - Schneider Electric declaration of conformity Schneider Electric declaration of conformity
REACH	Reference not containing SVHC above the threshold Reference not containing SVHC above the threshold
Product environmental profile	Available
Product end of life instructions	Available

Contractual warranty

Warranty period	18 months
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Presentation

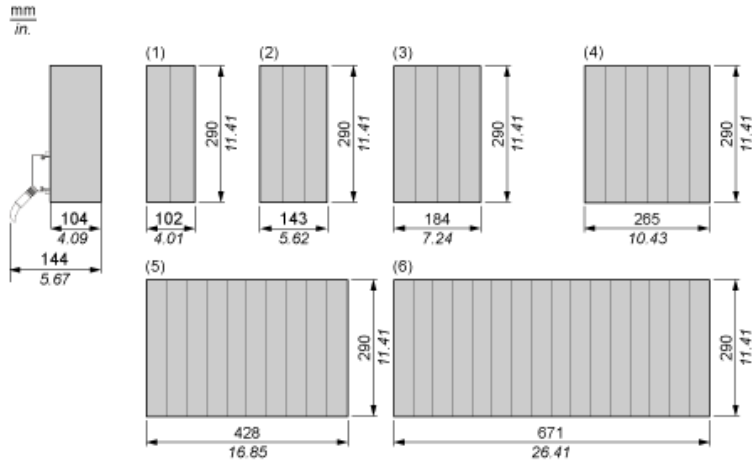


- 1 LED display
- 2 SERVICE port (ETH 1)
- 3 INTERLINK port (ETH 2)
- 4 DEVICE NETWORK port (ETH 3)
- 5 DEVICE NETWORK port (ETH 4)

140NOC78000

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