



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/red for extended DIO network status (Net Status 2) 1 LED green/red for device network status (Net Status 1) 1 LED green/red for network communication status (Net Status) 1 LED green/red for module status (Mod Status) 1 LED green for configuration status (Ready) 1 LED green for communication on the bus (Active)
Module format	Standard
Product weight	0.345 kg

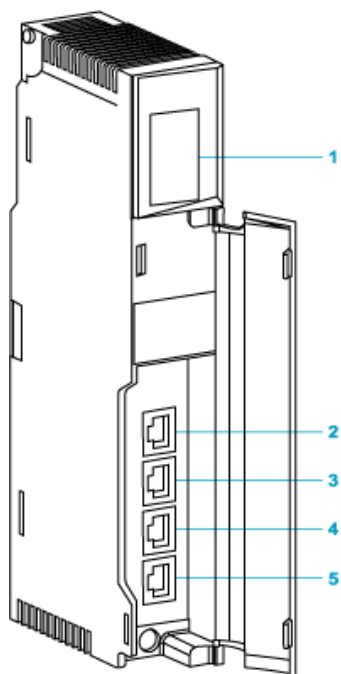
Environment

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
REACH	Reference not containing SVHC above the threshold
Product environmental profile	Available
Product end of life instructions	Need no specific recycling operations

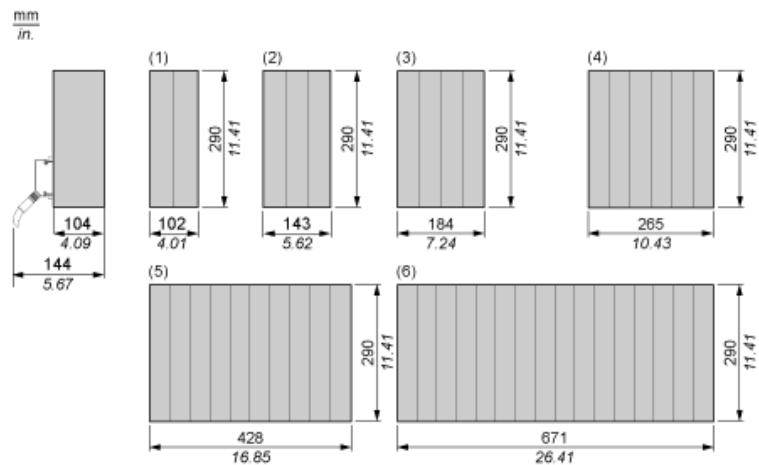
Presentation



- 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)

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