

Product datasheet

Specifications



Coated Modicon Quantum IEC 61850 network module - RJ45 - 10/100M/1000M bit/s

140NOP85000C

! Discontinued - Service only

! Discontinued on: Dec 31, 2018 AD

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

Main

Range of product	Modicon Quantum automation platform
Product or component type	Ethernet communication module

Complementary

Product compatibility	140CPU6xxxx
Communication port protocol	IEC 61850 Modbus TCP
Exchange mode	Half duplex, full duplex, autonegotiation
Maximum number of connections	32
Transmission rate	10/100/1000 Mbps
Redundancy	Yes hot standby redundant architecture
Topology	Redundant ring Daisy chain loop
Communication service	Modbus TCP messaging IEC 61850 goose IEC 61850 MMS messaging server IEC 61850 MMS messaging client SNMP agent Quality of Service (QoS) Embedded 4-port switch Embedded router NTP time synchronization
Ethernet service	Rapid Scanning Tree Protocol (RSTP)
Transmission support medium	Twisted pair
Port Ethernet	RJ45: 10BASE-T/100BASE-TX/1000BASE-T
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)
Module format	Standard
Net weight	0.345 kg

Environment

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

Standards	EN 61131-1 EN 61131-2 HazLoc IEC 61000-4-16 CSA C22.2 No 142 UL 61010-1 EN 55011
Product certifications	Merchant Navy CSA RCM hazardous location class 1, division 2 KEMA UL KETOP CE
IP degree of protection	IP20
Ambient air temperature for operation	0...60 °C
Relative humidity	10...95 % at 60 °C without condensation

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	4.8 cm
Package 1 Width	16.4 cm
Package 1 Length	31.5 cm
Package 1 Weight	570.0 g
Unit Type of Package 2	S02
Number of Units in Package 2	2
Package 2 Height	15.0 cm
Package 2 Width	30.0 cm
Package 2 Length	40.0 cm
Package 2 Weight	1.08 kg



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