Product datasheet

Specifications

Green Premium™

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

140NOP85000

Discontinued on: Dec 31, 2018 AD

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

Discontinued - Service only

Main

Range Of Product	Modicon Quantum automation platform
Product Or Component Type	Ethernet communication module

Complementary

Product Compatibility	140CPU6xxxx
Communication Port Protocol	Modbus TCP IEC 61850
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	IEC 61850 goose NTP time synchronization SNMP agent IEC 61850 MMS messaging client Embedded router Modbus TCP messaging Quality of Service (QoS) Embedded 4-port switch IEC 61850 MMS messaging server
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 61131-2 IEC 61000-4-16 EN 61131-1 EN 55011 HazLoc UL 61010-1 CSA C22.2 No 142
Product Certifications	RCM CSA Merchant Navy KEMA UL KETOP CE hazardous location class 1, division 2
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	4.5 cm
Package 1 Width	16.5 cm
Package 1 Length	32.0 cm
Package 1 Weight	540.0 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	1.32 kg

Sustainability

Green Premium™ 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