

Product datasheet

Specifications



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

140NOP85000

! Discontinued - Service only

! Discontinued on: 01 Nov 2022

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

Price: 96,453.00 ZAR

Main

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

Complementary

Product compatibility	140CPU6xxx
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

Excluding VAT and subject to change. Please check with your local distributor through "Where to buy"

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



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	Pro-active compliance (Product out of EU RoHS legal scope)

Use Longer

Lifetime extension	
Repair	No