Product datasheet

Specifications

Ethernet network TCP/IP module, Modicon Quantum, transparent ready, 750mA at 5VDC

140NOE77101

⚠ Discontinued on: 31 Mar 2022

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

⚠ Discontinued - Service only

Main

Range Of Product	Modicon Quantum automation platform
Product Or Component Type	Ethernet network TCP/IP module
Concept	Transparent Ready
Web Server	Class B30
Web Services	Diagnostics via predefined web pages Rack viewer Data Editor (via PC terminal)
Communication Service	SNMP network management Bandwidth management Global Data I/O scanning Modbus TCP messaging FDR server
Communication Port Protocol	Ethernet Modbus TCP/IP
Physical Interface	MT/RJ - 100BASE-FX fiber optic RJ45 - 10BASE-T/100BASE-TX twisted pair
Transmission Rate	10/100 Mbit/s

Complementary

Redundancy	Yes hot standby redundant architecture
Supply	Via the power supply of the rack
Marking	CE
Local Signalling	1 LED for 10 Mbps or 100 Mbps data rate (10 MB/100 MB) 1 LED for collision detection (Coll) 1 LED for download mode (Kernel) 1 LED for Ethernet module fault (Fault) 1 LED for Ethernet network status (RUN) 1 LED for full-duplex mode (Fduplex) 1 LED for module ready (Ready) 1 LED for network active (Link) 1 LED for rack operational (Active) 1 LED for transmission/reception activity (TxAct/RxAct)
Current Consumption	750 mA at 5 V DC
Module Format	Standard
Net Weight	0.345 kg

Environment

Ip Degree Of Protection	IP20

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Product Certifications	cUL
	UL 508

Standards	CSA C22.2 No 142
	FM Class 1 Division 2

Resistance To Electrostatic Discharge	4 kV contact conforming to IEC 801-2
	8 kV on air conforming to IEC 801-2

Resistance To Electromagnetic Fields	10 V/m 80...1000 MHz conforming to IEC 801-3

Ambient Air Temperature For Operation	0…60 °C

Ambient Air Temperature For Storage	-40…85 °C

Relative Humidity	95 % without condensation

Operating Altitude	<= 4500 m

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	5.0 cm
Package 1 Width	17.0 cm
Package 1 Length	31.5 cm
Package 1 Weight	560.0 g
Unit Type Of Package 2	S03
Number Of Units In Package 2	7
Package 2 Height	30.0 cm
Package 2 Width	30.0 cm
Package 2 Length	40.0 cm
Package 2 Weight	4.435 kg

Contractual warranty

Warranty	18 months

Sustainability

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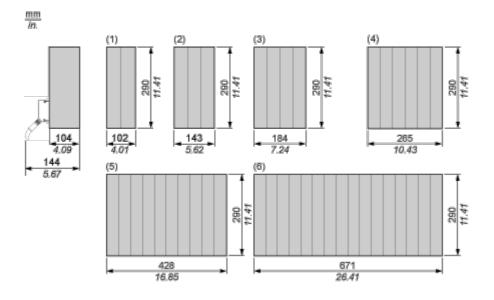
RoHS/REACh

Certifications & Standards

Eu Rohs Directive

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

EU RoHS Declaration

Circularity Profile

End of Life Information

Product datasheet

Dimensions Drawings

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