

Product data sheet

Specifications



Ethernet network TCP/IP module - class B20 - data editor, rack viewer

140NOE77100C

⚠ Discontinued on: Jan 26, 2021

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Main

Range of product	Modicon Quantum automation platform
Product or component type	Ethernet network TCP/IP module
Concept	Transparent Ready
Web server	Class B20
Web services	Data Editor (via PC terminal) Diagnostics via predefined web pages Rack viewer
Communication service	I/O scanning Modbus TCP messaging
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 5 V DC
Module format	Standard
Net weight	0.761 lb(US) (0.345 kg)

Environment

IP degree of protection	IP20
Product certifications	cUL UL 508
Standards	FM Class 1 Division 2 CSA C22.2 No 142

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

Protective treatment	Conformal coating Humiseal 1A33
Resistance to electrostatic discharge	4 kV contact IEC 801-2 8 kV on air IEC 801-2
Resistance to electromagnetic fields	9.1 V/yd (10 V/m) 80...1000 MHz IEC 801-3
Ambient air temperature for operation	32...140 °F (0...60 °C)
Ambient air temperature for storage	-40...185 °F (-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	1.8 in (4.5 cm)
Package 1 Width	6.3 in (16.0 cm)
Package 1 Length	12.4 in (31.5 cm)
Package 1 Weight	18.4 oz (523.0 g)

Contractual warranty

Warranty (in months)	18
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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 >](#)

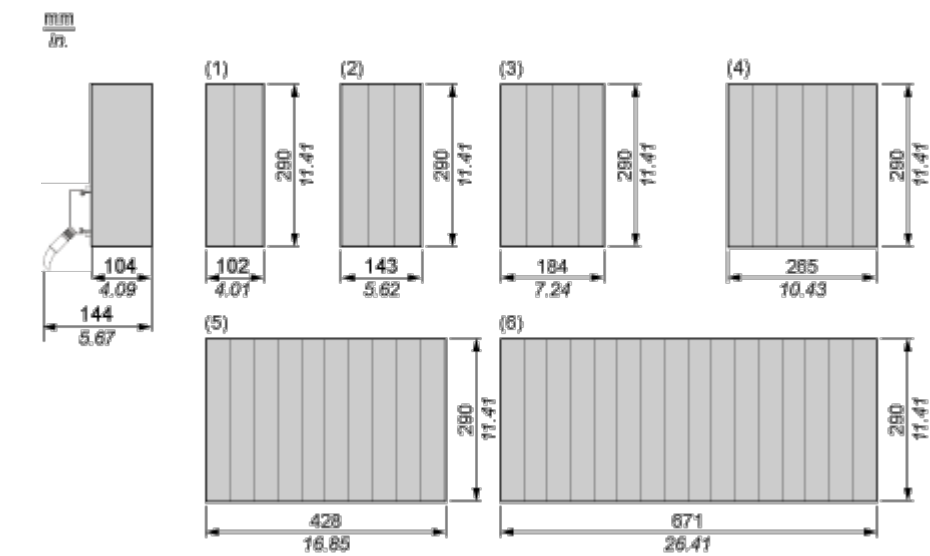
Use Longer

Lifetime extension	
Repair	No

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