

Product datasheet

Specifications



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

140NOE77100

! Discontinued on: 07 July 2021

! To be end-of-service on: 31 December 2021

! 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 B20 |
| Web services | Rack viewer Diagnostics via predefined web pages Data Editor (via PC terminal) |
| Communication service | Modbus TCP messaging I/O scanning |
| 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

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|---------------------|---|
| 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

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|-------------------------|---------------|
| IP degree of protection | IP20 |
| Product certifications | cUL UL 508 |

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

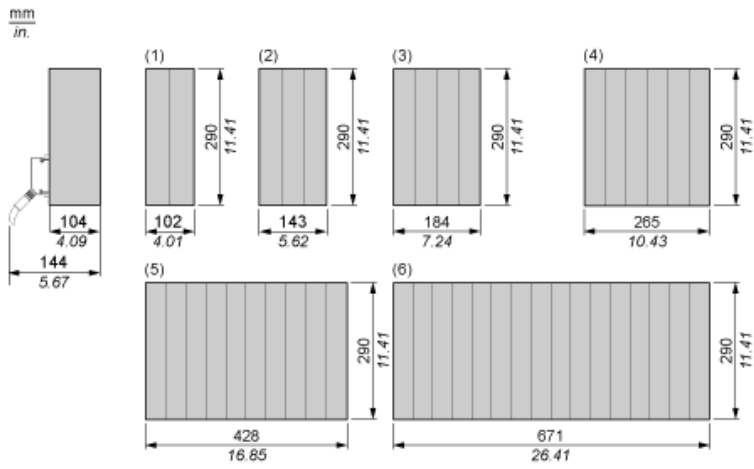
| | |
|-------------------------------------|---------|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Weight | 596 g |
| Package 1 Height | 5 cm |
| Package 1 width | 16.7 cm |
| Package 1 Length | 31.5 cm |

Contractual warranty

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|-----------------|-----------|
| Warranty | 18 months |
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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