

Product data sheet

Specifications



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

140NOE77101

! Discontinued on: 31 December 2018

! To be end-of-service on: 31 December 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 | 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) 1 LED |
| Current consumption | 750 mA 5 V DC |
| Module format | Standard |
| Net Weight | 0.76 lb(US) (0.345 kg) |

Environment

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|-------------------------|------|
| IP Degree of Protection | IP20 |
|-------------------------|------|

| | |
|--|---|
| Product Certifications | cUL UL 508 |
| Standards | CSA C22.2 No 142 FM Class 1 Division 2 |
| Resistance to electrostatic discharge | 4 kV contact IEC 801-2 8 kV on air IEC 801-2 |
| Resistance to electromagnetic fields | 9.14 V/m (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 | <= 14763.78 ft (4500 m) |

Ordering and shipping details

| | |
|--------------------------|------------------------|
| Category | 80230-IG SEBA TO SEUSA |
| Discount Schedule | BMS1 |
| GTIN | 3595862052887 |
| Returnability | No |
| Country of origin | FR |

Packing Units

| | |
|-------------------------------------|------------------------|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Height | 1.97 in (5.0 cm) |
| Package 1 Width | 6.69 in (17.0 cm) |
| Package 1 Length | 12.40 in (31.5 cm) |
| Package 1 Weight | 19.75 oz (560.0 g) |
| Unit Type of Package 2 | S03 |
| Number of Units in Package 2 | 7 |
| Package 2 Height | 11.81 in (30.0 cm) |
| Package 2 Width | 11.81 in (30.0 cm) |
| Package 2 Length | 15.75 in (40.0 cm) |
| Package 2 Weight | 9.78 lb(US) (4.435 kg) |

Offer Sustainability

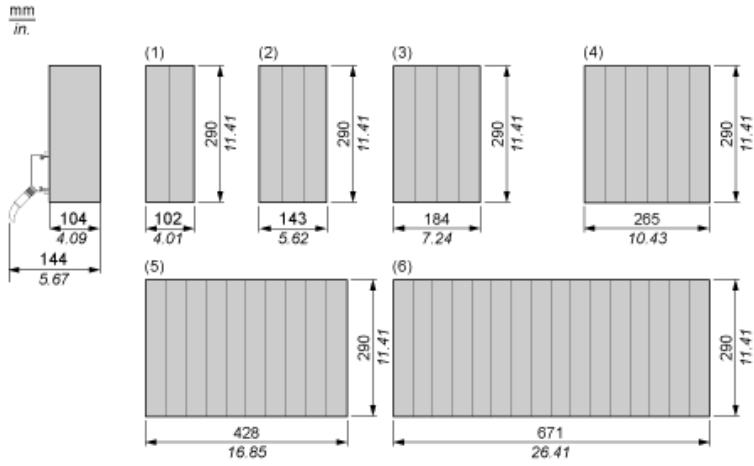
| | |
|---------------------------------|---|
| Sustainable offer status | Green Premium product |
| EU RoHS Directive | Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration |
| Circularity Profile | End of Life Information |

Contractual warranty

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

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

Recommended replacement(s)

140NOE77101 is replaced by:

1x



network module, Modicon M580, Ethernet IP/Modbus TCP
BMENOC0301