# Product data sheet

Specifications



Discontinued - Service only

## Ethernet network TCP/IP module, Modicon Quantum, transparent ready, 750mA at 5VDC, class C30

140NOE77111

Discontinued on: Mar 15, 2022

To be end-of-service on: Dec 31, 2029

**Product availability: Non-Stock - Not normally stocked in distribution facility**

## Main

| | |
|---|---|
| **Range of Product** | Modicon Quantum automation platform |
| **Product or Component Type** | Ethernet network TCP/IP module |
| **Concept** | Transparent Ready |
| **Web server** | Class C30 |
| **Web services** | Rack viewer<br>FactoryCast configurable<br>Data editor |
| **Communication Service** | Bandwidth management<br>NTP time synchronization<br>SNMP network management<br>I/O scanning<br>Modbus TCP messaging<br>SMTP e-mail notification<br>FDR server<br>Global Data |
| **Communication Port Protocol** | Ethernet Modbus TCP/IP |
| **Physical interface** | MT/RJ - 100BASE-FX fiber optic<br>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)<br>1 LED for collision detection (Coll)<br>1 LED for download mode (Kernel)<br>1 LED for Ethernet module fault (Fault)<br>1 LED for Ethernet network status (RUN)<br>1 LED for full-duplex mode (Fduplex)<br>1 LED for module ready (Ready)<br>1 LED for network active (Link)<br>1 LED for rack operational (Active)<br>1 LED for transmission/reception activity (TxAct/RxAct) |
| **Current consumption** | 750 mA 5 V DC |
| **Module format** | Standard |
| **Product Weight** | 0.761 lb(US) (0.345 kg) |

Price is “List Price” and may be subject to a trade discount – check with your local distributor or retailer for actual price.

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

## Environment

| | |
|---|---|
| **IP Degree of Protection** | IP20 |
| **Product Certifications** | UL 508<br>cUL |
| **Standards** | FM Class 1 Division 2<br>CSA C22.2 No 142 |
| **Resistance to electrostatic discharge** | 4 kV contact IEC 801-2<br>8 kV on air IEC 801-2 |
| **Resistance to electromagnetic fields** | 9.1 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** | US1PC2118150 |
| **Discount Schedule** | PC21 |
| **GTIN** | 3595862052894 |
| **Returnability** | Yes |

## Packing Units

| | |
|---|---|
| **Unit Type of Package 1** | PCE |
| **Nbr. of units in pkg.** | 1 |
| **Package 1 Height** | 1.9 in (4.7 cm) |
| **Package 1 Width** | 6.5 in (16.5 cm) |
| **Package 1 Length** | 12.4 in (31.5 cm) |
| **Package weight(Lbs)** | 17.6 oz (499.0 g) |

## Contractual warranty

| | |
|---|---|
| **Warranty (in months)** | 18 |

## 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 | Compliant |
| California proposition 65 | WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov |

### Use Longer

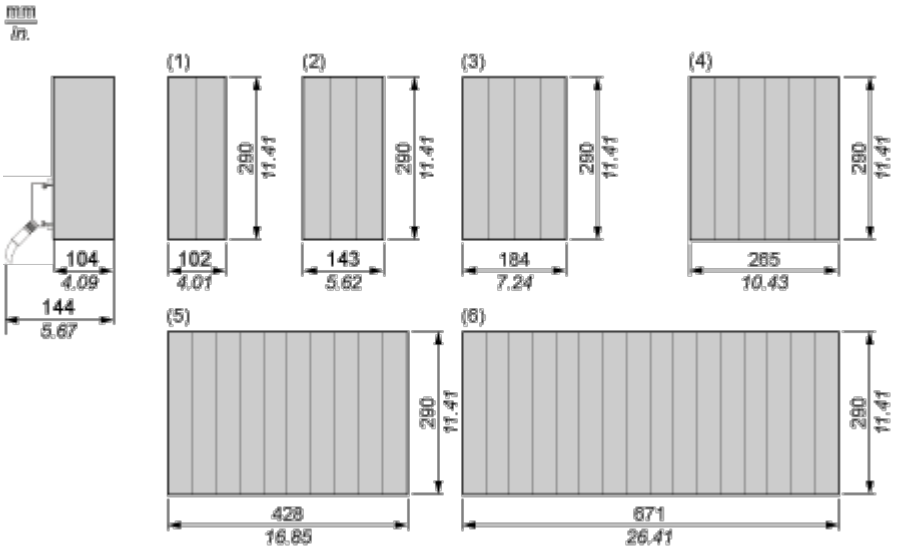
#### Lifetime extension

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