# Product data sheet

Specifications



## network module, Modicon M340, Modbus/TCP, 1 x RJ45, flash memory card

BMXNOE0100

**Product availability: Stock - Normally stocked in distribution facility**

## Main

| | |
|---|---|
| **Range of Product** | Modicon M340 automation platform |
| **Product or Component Type** | Ethernet TCP/IP network module |
| **Concept** | Transparent Ready |
| **Integrated connection type** | Ethernet TCP/IP RJ45 10/100 Mbit/s 1 twisted pair transparent ready class B30 |
| **Protective treatment** | TC |

## Complementary

| | |
|---|---|
| **Communication service** | Bandwidth management<br>Data Editor (via PC terminal)<br>FDR server<br>Rack Viewer<br>SNMP network administrator<br>Global Data<br>I/O scanning<br>Modbus TCP messaging<br>Web server configurable |
| **Port Ethernet** | 10BASE-T/100BASE-TX |
| **Memory description** | Supplied Flash memory card (BMXRWSC016M) |
| **Memory usage** | Application saving<br>Activating the standard web server |
| **Supply** | Internal power supply via rack |
| **Marking** | CE |
| **Local signalling** | 1 LED (green) for activity on Ethernet network (ETH ACT)<br>1 LED (green) for processor running (RUN)<br>1 LED (green) for status of Ethernet network (ETH STS)<br>1 LED (red) for data rate (ETH 100)<br>1 LED (red) for memory card fault (CARD ERR)<br>1 LED (red) for processor or system fault (ERR) |
| **Control Type** | RESET push-button cold restart |
| **Current consumption** | 90 mA 24 V DC |
| **Module format** | Standard |
| **Net Weight** | 0.4 lb(US) (0.2 kg) |

## Environment

| | |
|---|---|
| **Ambient Air Temperature for Operation** | 32…140 °F (0…60 °C) |
| **Relative Humidity** | 10…95 % without condensation |
| **IP Degree of Protection** | IP20 |
| **Directives** | 2014/35/EU - low voltage directive<br>2014/30/EU - electromagnetic compatibility |

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

## Ordering and shipping details

| | |
|---|---|
| **Category** | US1PC3418160 |
| **Discount Schedule** | PC34 |
| **GTIN** | 3595863910674 |
| **Returnability** | Yes |
| **Country of origin** | FR |

## Packing Units

| | |
|---|---|
| **Unit Type of Package 1** | PCE |
| **Nbr. of units in pkg.** | 1 |
| **Package 1 Height** | 2.008 in (5.100 cm) |
| **Package 1 Width** | 4.331 in (11.000 cm) |
| **Package 1 Length** | 4.528 in (11.500 cm) |
| **Package weight(Lbs)** | 8.289 oz (235.000 g) |
| **Unit Type of Package 2** | S02 |
| **Number of Units in Package 2** | 15 |
| **Package 2 Height** | 5.906 in (15.000 cm) |
| **Package 2 Width** | 11.811 in (30.000 cm) |
| **Package 2 Length** | 15.748 in (40.000 cm) |
| **Package 2 Weight** | 8.527 lb(US) (3.868 kg) |

## 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 >

### Environmental footprint

| | |
|---|---|
| Total lifecycle Carbon footprint | **113 kg CO2 eq.** |
| Carbon footprint of the manufacturing phase [A1 to A3] | **16 kg CO2 eq.** |
| Carbon footprint of the distribution phase [A4] | **0 kg CO2 eq.** |
| Carbon footprint of the installation phase [A5] | **0.1 kg CO2 eq.** |
| Carbon footprint of the use phase [B2, B3, B4, B6] | **96 kg CO2 eq.** |
| Carbon footprint of the end-of-life phase [C1 to C4] | **0.4 kg CO2 eq.** |
| Environmental Disclosure | Product Environmental Profile |

## Use Better

### Materials and Substances

| | |
|---|---|
| Packaging made with recycled cardboard | **Yes** |
| Packaging without single use plastic | **Yes** |
| SCIP Number | **5b0e7f9f-ecac-432d-90a6-69acddcc81e0** |
| EU RoHS Directive | Compliant By Exemption |
| REACh Regulation | Reference contains Substances of Very High Concern above the threshold |
| 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 Again

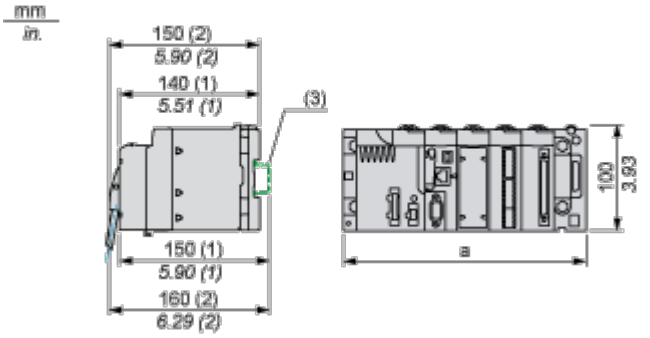
### Repack and remanufacture

| | |
|---|---|
| Recyclability potential, in % | **32** |
| Circularity Profile | End of Life Information |
| Take-back | **No** |

## Dimensions Drawings

### Modules Mounted on Racks

### Dimensions




(1) With removable terminal block (cage, screw or spring).

(2) With FCN connector.

(3) On AM1 ED rail: 35 mm wide, 15 mm deep. Only possible with BMXXBP0400/0400H/0600/0600H/0800/0800H rack.

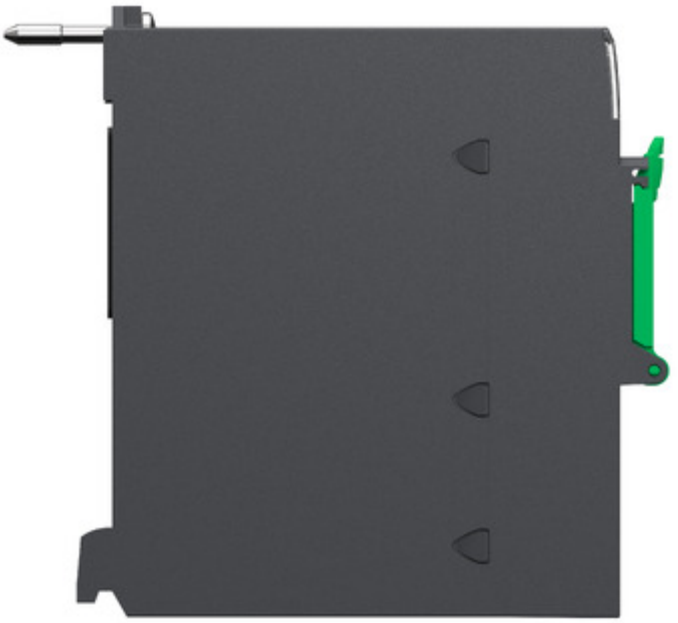
| Rack references | a in mm | a in in. |
|---|---|---|
| BMXXBP0400 and BMXXBP0400H | 242.4 | 09.54 |
| BMXXBP0600 and BMXXBP0600H | 307.6 | 12.11 |
| BMXXBP0800 and BMXXBP0800H | 372.8 | 14.68 |
| BMXXBP1200 and BMXXBP1200H | 503.2 | 19.81 |

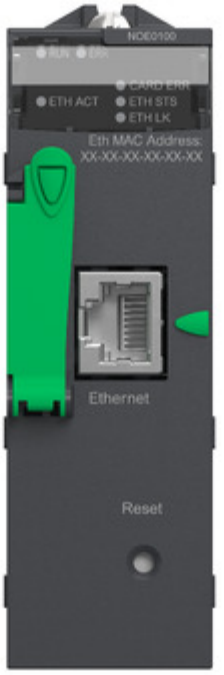
Image of product / Alternate images

**Alternative**








NOE0100
RUN
ERR
CARD ERR
ETH ACT
ETH STS
ETH LK
Eth MAC Address:
XX-XX-XX-XX-XX-XX
Ethernet
Reset


SN:XXXXXXXXXXXX
PV:XX SV:XX RL:XX

