

# Product data sheet

Specifications



network module, Modicon M340, Modbus/TCP, 1 x RJ45, flash memory card, for severe environments

BMXNOE0100H

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

## Main

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

## 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 | -13...158 °F (-25...70 °C)     |
| Relative Humidity                     | 10...95 % without condensation |

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

|                                     |  |
|-------------------------------------|--|
| <b>IP Degree of Protection</b>      | IP20   |
| <b>Directives</b>                   | 2014/35/EU - low voltage directive<br>2014/30/EU - electromagnetic compatibility<br>2014/34/EU - ATEX directive  |
| <b>Product certifications</b>       | CE<br>UL<br>CSA<br>RCM<br>EAC<br>Merchant Navy<br>ATEX zone 2/22<br>IECEx zone 2/22  |
| <b>Standards</b>                    | IEC 61131-2<br>IEC 61010-2-201<br>UL 61010-2-201<br>CSA C22.2 No 61010-2-201<br>IACS E10<br>IEC 61000-6-5, interface type 1 and type 2<br>IEC 61850-3, location G<br>IEC 60079-0   |
| <b>Environmental characteristic</b> | Gas resistant class Gx ISA S71.04<br>Gas resistant class 3C4 IEC 60721-3-3<br>Dust resistant class 3S4 IEC 60721-3-3<br>Sand resistant class 3S4 IEC 60721-3-3<br>Salt resistant level 2 IEC 68252<br>Mold growth resistant class 3B2 IEC 60721-3-3<br>Fungal spore resistant class 3B2 IEC 60721-3-3<br>Hazardous location class I division 2 |

## Ordering and shipping details

|                          |               |
|--------------------------|---------------|
| <b>Category</b>          | US1PC3418160  |
| <b>Discount Schedule</b> | PC34          |
| <b>GTIN</b>              | 3595864024462 |
| <b>Returnability</b>     | No            |
| <b>Country of origin</b> | FR            |

## Packing Units

|                                     |                         |
|-------------------------------------|-------------------------|
| <b>Unit Type of Package 1</b>       | PCE                     |
| <b>Nbr. of units in pkg.</b>        | 1                       |
| <b>Package 1 Height</b>             | 2.17 in (5.500 cm)      |
| <b>Package 1 Width</b>              | 4.33 in (11.000 cm)     |
| <b>Package 1 Length</b>             | 4.72 in (12.000 cm)     |
| <b>Package weight(Lbs)</b>          | 8.677 oz (246.000 g)    |
| <b>Unit Type of Package 2</b>       | S02                     |
| <b>Number of Units in Package 2</b> | 15                      |
| <b>Package 2 Height</b>             | 5.91 in (15.000 cm)     |
| <b>Package 2 Width</b>              | 11.81 in (30.000 cm)    |
| <b>Package 2 Length</b>             | 15.75 in (40.000 cm)    |
| <b>Package 2 Weight</b>             | 8.168 lb(US) (3.705 kg) |

## Contractual warranty

|                 |           |
|-----------------|-----------|
| <b>Warranty</b> | 18 months |
|-----------------|-----------|

## 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

Carbon footprint (kg CO2 eq, Total Life cycle) 114

Environmental Disclosure [Product Environmental Profile](#)

## Use Better

### Materials and Substances

Packaging made with recycled cardboard Yes

Packaging without single use plastic Yes

[EU RoHS Directive](#) Pro-active compliance (Product out of EU RoHS legal scope)

REACH Regulation [REACH Declaration](#)

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](http://www.P65Warnings.ca.gov)

## Use Again

### Repack and remanufacture

Circularity Profile [End of Life Information](#)

Take-back No

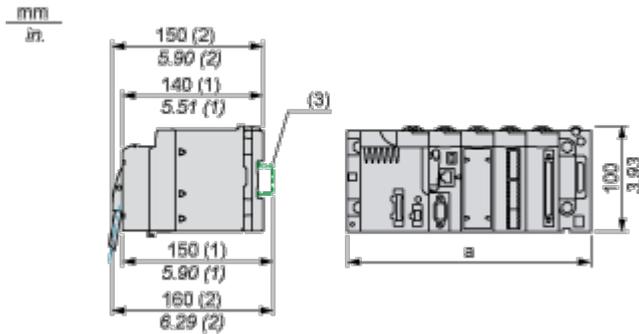
WEEE  The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.

Dimensions Drawings

Modules Mounted on Racks

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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

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