

Product data sheet

Specifications



network module, Modicon M340, EtherNet/IP and Modbus/TCP, 4 x RJ45

BMXNOC0401

Main

| | |
|----------------------------|-------------------------------------------------------------------------|
| Range of product | Modicon M340 automation platform |
| Product or component type | Ethernet TCP/IP network module |
| Concept | Transparent Ready |
| Integrated connection type | Ethernet RJ45 10/100 Mbit/s 4 twisted pairs transparent ready class B30 |
| Protective treatment | TC |

Complementary

| | |
|-----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Communication service | Bandwidth management Data Editor (via PC terminal) FDR server Rack Viewer SNMP network administrator Modbus TCP I/O Scanner and Messaging Ethernet/IP I/O Scanner and Messaging Embedded 4-port switch RSTP support Port mirroring |
| Port Ethernet | 10BASE-T/100BASE-TX |
| Memory usage | Application saving Activating the standard web server |
| Supply | Internal power supply via rack |
| Marking | CE |
| Local signalling | 1 LED (green) for processor running (RUN) 1 LED (red) for processor or system fault (ERR) 1 LED (amber) for status of Ethernet network (ETH STS) 1 LED (green/red) for MS (Module Status) 1 LED (green/red) for NS (Network Status) |
| Control type | Processor or system fault (ERR) |
| Current consumption | 555 mA at 3.3 V DC |
| Module format | Standard |
| Product weight | 0.2 kg |

Environment

| | |
|---------------------------------------|-----------------------------------------------------------------------------------------------------------------|
| Ambient air temperature for operation | 0...60 °C |
| Relative humidity | 10...95 % without condensation |
| IP degree of protection | IP20 |
| Directives | 2014/35/EU - low voltage directive 2014/30/EU - electromagnetic compatibility 2014/34/EU - ATEX directive |

| | |
|-------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product certifications | CE UL CSA RCM EAC Merchant Navy ATEX zone 2/22 IECEx zone 2/22 |
| Standards | IEC 61131-2 IEC 61010-2-201 UL 61010-2-201 CSA C22.2 No 61010-2-201 IACS E10 IEC 61000-6-5, interface type 1 and type 2 IEC 61850-3, location G IEC 60079-0 |
| Environmental characteristic | Hazardous location class I division 2 |

Packing Units

| | |
|-------------------------------------|-----------|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Height | 5.500 cm |
| Package 1 Width | 11.000 cm |
| Package 1 Length | 12.000 cm |
| Package 1 Weight | 220.000 g |
| Unit Type of Package 2 | S02 |
| Number of Units in Package 2 | 15 |
| Package 2 Height | 15.000 cm |
| Package 2 Width | 30.000 cm |
| Package 2 Length | 40.000 cm |
| Package 2 Weight | 3.588 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 | 97 kg CO2 eq. |
| Carbon footprint of the manufacturing phase [A1 to A3] | 15 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] | 82 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 | Fb9be8ef-5994-4d0b-9bb6-f04d3f9cbada |
| 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 Longer



Lifetime extension

| | |
|--------|----|
| Repair | No |
|--------|----|

Use Again



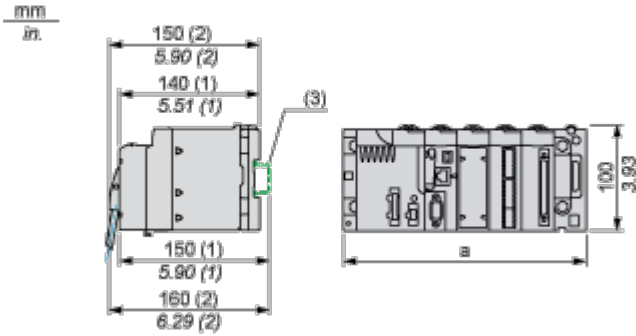
Repack and remanufacture

| | |
|---------------------------------|-----------------------------------------|
| Recyclability potential, in % | 32 |
| End of life manual availability | 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



