



### 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 C30 |
| Protective treatment         | Conformal coating   |

### Complementary

|                       |   |
|-----------------------|---|
| Communication service | Bandwidth management<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<br>Data Editor (via PC, pocket PC or PDA terminal)<br>SOAP XML Web service (server)                       |
| Port Ethernet         | 10BASE-T/100BASE-TX   |
| Memory description    | Supplied Flash memory card (BMXRWSC016M)<br>Internal RAM 16000 kB   |
| Memory usage          | User web page size internal RAM<br>Activating the standard web server supplied Flash memory card (BMXRWSC016M)<br>Application saving supplied Flash memory card (BMXRWSC016M)   |
| Supply                | Internal power supply via rack  |
| Marking               | CE  |
| Local signalling      | Activity on Ethernet network (ETH ACT) 1 LED green)<br>Processor running (RUN) 1 LED green)<br>Status of Ethernet network (ETH STS) 1 LED green)<br>Data rate (ETH 100) 1 LED red)<br>Memory card fault (CARD ERR) 1 LED red)<br>Processor or system fault (ERR) 1 LED red) |
| Control type          | RESET push-button cold restart  |
| Current consumption   | 90 mA 24 V DC   |
| Module format         | Standard  |
| Net Weight            | 0.44 lb(US) (0.2 kg)  |

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. 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. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

## Environment

|                                       |  |
|---------------------------------------|--|
| Ambient air temperature for operation | -13...158 °F (-25...70 °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<br>2014/34/EU - ATEX directive<br>2012/19/EU - WEEE directive   |
| Product certifications                | CE<br>UL<br>CSA<br>RCM<br>EAC<br>Merchant Navy<br>ATEX zone 2/22<br>IECEx zone 2/22  |
| Standards                             | EN/IEC 61131-2<br>EN/IEC 61010-2-201<br>UL 61010-2-201<br>CSA C22.2 No 61010-2-201<br>IACS E10<br>EN/IEC 61000-6-5<br>EN/IEC 61850-3<br>EN/IEC 60079-0   |
| Environmental characteristic          | 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

|                       |                       |
|-----------------------|-----------------------|
| Category              | 18160 - MODICON M340  |
| Discount Schedule     | PC34                  |
| GTIN                  | 03595864009735        |
| Nbr. of units in pkg. | 1                     |
| Package weight(Lbs)   | 0.54 lb(US) (0.24 kg) |
| Returnability         | No                    |
| Country of origin     | FR                    |

## Packing Units

|                              |                        |
|------------------------------|------------------------|
| Unit Type of Package 1       | PCE                    |
| Package 1 Height             | 2.17 in (5.5 cm)       |
| Package 1 width              | 4.33 in (11 cm)        |
| Package 1 Length             | 4.72 in (12 cm)        |
| Unit Type of Package 2       | S02                    |
| Number of Units in Package 2 | 15                     |
| Package 2 Weight             | 8.50 lb(US) (3.855 kg) |
| Package 2 Height             | 5.91 in (15 cm)        |
| Package 2 width              | 11.81 in (30 cm)       |
| Package 2 Length             | 15.75 in (40 cm)       |

## Offer Sustainability

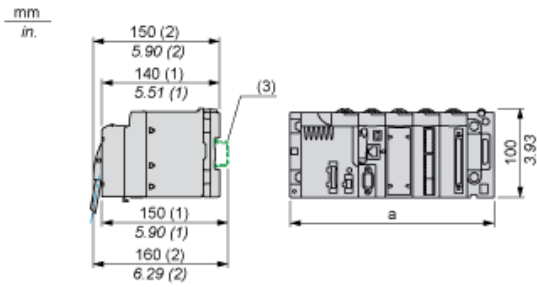
|                            |   |
|----------------------------|---|
| Sustainable offer status   | Green Premium product   |
| California proposition 65  | WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a> |
| REACH Regulation           | <a href="#">REACH Declaration</a>   |
| REACH free of SVHC         | Yes   |
| EU RoHS Directive          | Pro-active compliance (Product out of EU RoHS legal scope) <a href="#">EU RoHS Declaration</a>  |
| Mercury free               | Yes   |
| RoHS exemption information | <a href="#">Yes</a>   |
| China RoHS Regulation      | <a href="#">China RoHS Declaration</a>  |
| Environmental Disclosure   | <a href="#">Product Environmental Profile</a>   |
| Circularity Profile        | <a href="#">End Of Life Information</a>   |
| WEEE                       | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.  |

## Contractual warranty

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

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    |