

# BMXNOM0200H

communication module, Modicon X80, Serial link module, 2 RS485 or 232 ports in Modbus and character mode, severe environment



## Main

|                              |  |
|------------------------------|--|
| Range of Product             | Modicon X80  |
| Product or Component Type    | Serial links module  |
| Product Specific Application | For severe environments  |
| Concept                      | Serial link  |
| Integrated connection type   | RS232 RJ45 115.2 kbit/s 8 wires<br>RS485 RJ45 57.6 kbit/s 1 twisted pair |
| Protective treatment         | Conformal coating  |

## Complementary

|                     |  |
|---------------------|--|
| Supply              | Internal power supply via rack   |
| Marking             | CE   |
| Local signalling    | For module fault (ERR) 1 LED (red)<br>For module running (RUN) 1 LED (green)<br>For activity on the serial link (SER COM 0) 1 LED (green)<br>For activity on the serial link (SER COM 1) 1 LED (green) |
| Current consumption | 80 mA 24 V DC  |
| Module format       | Standard   |
| Net Weight          | 0.51 lb(US) (0.23 kg)  |

## 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  |
| Product certifications                | CE[RETURN]UL[RETURN]CSA[RETURN]RCM[RETURN]EAC[RETURN]Merchant Navy[RETURN]ATEX zone 2/22[RETURN]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, interface type 1 and type 2<br>EN/IEC 61850-3, location G<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 |

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## Ordering and shipping details

|                   |                    |
|-------------------|--------------------|
| Category          | 18160-MODICON M340 |
| Discount Schedule | PC34               |
| GTIN              | 3595864027388      |
| Returnability     | Yes                |
| Country of origin | FR                 |

## Packing Units

|                              |                        |
|------------------------------|------------------------|
| Unit Type of Package 1       | PCE                    |
| Number of Units in Package 1 | 1                      |
| Package 1 Height             | 2.17 in (5.5 cm)       |
| Package 1 Width              | 4.41 in (11.2 cm)      |
| Package 1 Length             | 4.65 in (11.8 cm)      |
| Package 1 Weight             | 8.08 oz (229.0 g)      |
| Unit Type of Package 2       | S02                    |
| Number of Units in Package 2 | 15                     |
| Package 2 Height             | 5.91 in (15.0 cm)      |
| Package 2 Width              | 11.81 in (30.0 cm)     |
| Package 2 Length             | 15.75 in (40.0 cm)     |
| Package 2 Weight             | 8.12 lb(US) (3.682 kg) |

## Offer Sustainability

|                            |   |
|----------------------------|---|
| 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>   |
| EU RoHS Directive          | Pro-active compliance (Product out of EU RoHS legal scope)  |
| Mercury free               | Yes   |
| China RoHS Regulation      | <a href="#">China RoHS Declaration</a>  |
| RoHS exemption information | <a href="#">Yes</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    |