# BMXNOM0200H

Harshed serial link module with 2 RS-485/232 ports in Modbus and Character mode

Green Premium™ Product

## 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 | Module fault (ERR) 1 LED red)<br>Module running (RUN) 1 LED green)<br>Activity on the serial link (SER COM 0) 1 LED green)<br>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

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|---|---|
| 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 |

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## Ordering and shipping details

| | |
|---|---|
| Category | 18160 - MODICON M340 |
| Discount Schedule | PC34 |
| GTIN | 03595864027388 |
| Nbr. of units in pkg. | 1 |
| Package weight(Lbs) | 0.52 lb(US) (0.24 kg) |
| Returnability | Yes |
| Country of origin | FR |

## Packing Units

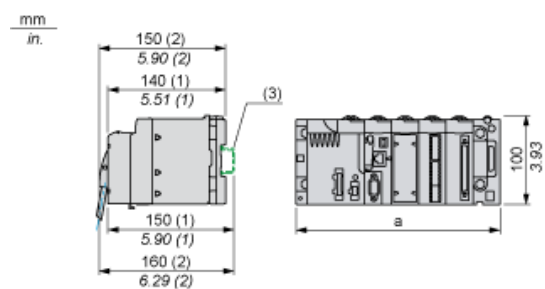| | |
|---|---|
| Unit Type of Package 1 | PCE |
| Package 1 Height | 2.17 in (5.5 cm) |
| Package 1 width | 4.33 in (11 cm) |
| Package 1 Length | 4.53 in (11.5 cm) |
| Unit Type of Package 2 | S02 |
| Number of Units in Package 2 | 15 |
| Package 2 Weight | 8.16 lb(US) (3.7 kg) |
| Package 2 Height | 5.91 in (15 cm) |
| Package 2 width | 11.81 in (30 cm) |
| Package 2 Length | 15.75 in (40 cm) |

## Offer Sustainability

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|---|---|
| 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 www.P65Warnings.ca.gov |
| REACh Regulation | REACh Declaration |
| REACh free of SVHC | Yes |
| EU RoHS Directive | Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration |
| Mercury free | Yes |
| RoHS exemption information | Yes |
| China RoHS Regulation | China RoHS Declaration |
| Environmental Disclosure | Product Environmental Profile |
| Circularity Profile | End Of Life Information |
| WEEE | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins. |

## Contractual warranty

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

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## 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 |