Product data sheet

Specifications

Green Premium™

Communication module, Modicon X80, Serial link module, 2 RS-485/232 ports in Modbus and Character mode, for severe environments

BMXNOM0200H

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 RS485 RJ45 57.6 kbit/s 1 twisted pair
Protective treatment	Conformal coating

Complementary

Supply	Internal power supply via rack
Marking	CE
Local signalling	1 LED (red) for module fault (ERR) 1 LED (green) for module running (RUN) 1 LED (green) for activity on the serial link (SER COM 0) 1 LED (green) for activity on the serial link (SER COM 1)
Current consumption	80 mA at 24 V DC
Module format	Standard
Net weight	0.23 kg

Environment

Ambient air temperature for operation	-25…70 °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	EN/IEC 61131-2 EN/IEC 61010-2-201 UL 61010-2-201

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CSA C22.2 No 61010-2-201
IACS E10
EN/IEC 61000-6-5, interface type 1 and type 2
EN/IEC 61850-3, location G
EN/IEC 60079-0

Environmental characteristic	Gas resistant class Gx conforming to ISA S71.04 Gas resistant class 3C4 conforming to IEC 60721-3-3 Dust resistant class 3S4 conforming to IEC 60721-3-3 Sand resistant class 3S4 conforming to IEC 60721-3-3 Salt resistant level 2 conforming to IEC 68252 Mold growth resistant class 3B2 conforming to IEC 60721-3-3 Fungal spore resistant class 3B2 conforming to IEC 60721-3-3 Hazardous location class I division 2

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	5.5 cm
Package 1 Width	11.2 cm
Package 1 Length	11.8 cm
Package 1 Weight	229.0 g
Unit Type of Package 2	S02
Number of Units in Package 2	15
Package 2 Height	15.0 cm
Package 2 Width	30.0 cm
Package 2 Length	40.0 cm
Package 2 Weight	3.682 kg

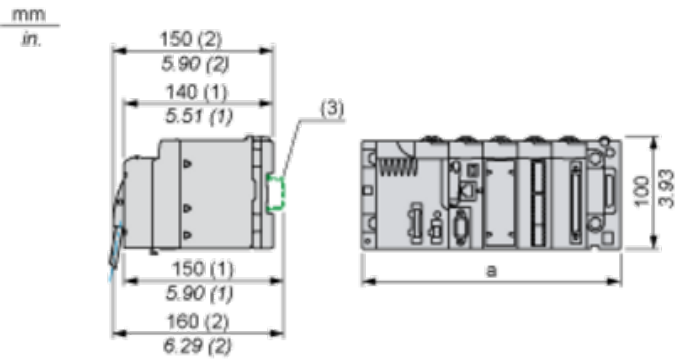## Offer Sustainability

Sustainable offer status	Green Premium product
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
China RoHS Regulation	China RoHS declaration
RoHS exemption information	Yes
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
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

Contractual warranty

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

Recommended replacement(s)