



Main

Range of product	Modicon X80
Product or component type	Ethernet/Serial RTU module
Product specific application	For standard & severe environments
Concept	Transparent Ready
Integrated connection type	Ethernet RJ45 10/100 Mbit/s 1 twisted pair transparent ready class C30 Serial RS232/485 RJ45 300/38400 bit/s 1 twisted pair transparent ready class C30
Protective treatment	Conformal coating Humiseal 1A33 TC
Environmental characteristic	3C3 conforming to EN/IEC 60721-3-3 3C4 conforming to EN/IEC 60721-3-3

Complementary

Communication service	Bandwidth management Modbus TCP messaging DNP3/DNP3 IP protocol IEC 60870-5 -101/-104 protocol Time stamped events management External modem management (serial, PSTN, GSM, GPRS/3G) Data logging in CSV files Email/SMS notifications Web server, rack viewer, data editor BootP, DHCP, FDR client SMTP server, FTP client/server, NTP client, SNMP agent, Automatic events backup on power loss Multi-protocols support in a single module (master and slave) Transparent events routing from remote slaves to SCADA
Port Ethernet	10BASE-T/100BASE-TX
Memory description	Supplied Flash SD memory card (BMXRWS128MWF) 128000 kB
Memory usage	Activating the standard web server User web pages storage Data logging CSV files storage
Supply	Internal power supply via rack
Local signalling	1 LED green activity on Ethernet network (ETH ACT) 1 LED green processor running (RUN) 1 LED green status of Ethernet network (ETH STS) 1 LED red memory card fault (CARD ERR) 1 LED red processor or system fault (ERR) 1 LED red download in progress (DL) 1 LED yellow serial communication (SER COM) 1 LED green data rate (ETH LINK)
Current consumption	95 mA at 24 V DC
Module format	Standard
Product weight	0.44 lb(US) (0.2 kg)

Environment

ambient air temperature for operation	-13...158 °F (-25...70 °C)
relative humidity	10...95 % without condensation
IP degree of protection	IP20
marking	CE
product certifications	UL 508
standards	CSA C22.2 No 142 EN/IEC 61131-2 CSA C22.2 No 213 Class I Division 2

The information provided in this documentation contains general descriptions and/or technical characteristics 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.

Offer Sustainability

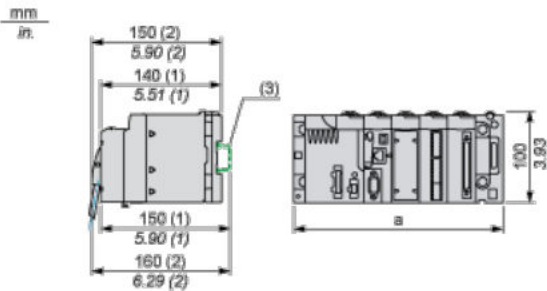
Green Premium product	Green Premium product
Compliant - since 1202 - Schneider Electric declaration of conformity	Compliant - since 1202 - Schneider Electric declaration of conformity
Reference not containing SVHC above the threshold	Reference not containing SVHC above the threshold
Available	Available
Available	Available

Contractual warranty

Warranty period	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