



Main

Range of product	Modicon X80
Product or component type	Peripheral remote I/O adaptor

Complementary

Number of port	1
Integrated connection type	Ethernet/IP for device network
Communication port protocol	Modbus TCP
Realtime clock	With
Memory capacity	448 kB internal 96 kB removable
Application structure	1 master task
Local signalling	1 LED (green) for module active (RUN) 1 LED (red) for module error (ERR) 1 LED (red) for external fault (I/O) 1 LED (green) for activity on Ethernet network (ETH ACT) 1 LED (red) for memory card fault (CARD ERR) 1 LED (green) for Ethernet link diagnostics (STS) 1 LED (green) for Ethernet network status (link)
Product compatibility	0...1024 discrete I/O module 0...256 analog I/O module 0...2 Ethernet module
Average consumption in mA	95 mA
Power dissipation in W	2.3 W
Marking	CE
Module format	Standard
Maximum altitude transport	3000 m
Relative humidity	95 % without condensation

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Environment

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 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	Hazardous location class I division 2
IP degree of protection	IP20
Ambient air temperature for operation	-25...70 °C
Ambient air temperature for storage	-40...85 °C
Operating altitude	<= 2000 m

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	237.5 g
Package 1 Height	5.5 cm
Package 1 width	11 cm
Package 1 Length	11.5 cm
Unit Type of Package 2	S02
Number of Units in Package 2	15
Package 2 Weight	3.8 kg
Package 2 Height	15 cm
Package 2 width	30 cm
Package 2 Length	40 cm

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
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

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