



### 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)module active (RUN): 1 LED (red)module error (ERR): 1 LED (red)external fault (I/O): 1 LED (green)activity on Ethernet network (ETH ACT): 1 LED (red)memory card fault (CARD ERR): 1 LED (green)Ethernet link diagnostics (STS): 1 LED (green)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

### Environment

Environmental characteristic	Standard environment
Directives	2014/35/EU - low voltage directive 2014/30/EU - electromagnetic compatibility 2012/19/EU - WEEE directive
Product certifications	C-Tick Merchant Navy GOST
Standards	EN 61131-2 EN 61000-6-4 EN 61000-6-2 EN 61010-2-201
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

## Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	<a href="#">REACH Declaration</a>
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) <a href="#">EU RoHS Declaration</a>
Mercury free	Yes
RoHS exemption information	<a href="#">Yes</a>
China RoHS Regulation	<a href="#">China RoHS Declaration</a>
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
Circularity Profile	<a href="#">End Of Life Information</a>
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