Product data sheet

Specifications





remote IO drop E/IP, Modicon X80, standard

BMXCRA31200

Product availability: Non-Stock - Not normally stocked in distribution facility

Main

Range Of Product	Modicon X80	
Range Compatibility	Modicon M580 Modicon Quantum	
Product Or Component Type	I/O expansion module	
Device Application	X80 Ethernet RIO drop adaptor	
Product Specific Application	For remote I/O modules	

Complementary

Bus Type	Bus X across the remote backplane		
Number Of Port	2		
Integrated Connection Type	2 port Ethernet RIO Network (RSTP)		
Communication Network Type	IPv4 (internet protocol)		
Communication Port Protocol	EtherNet/IP		
Communication Service	Ethernet/IP adapter RSTP (Ring topology support) Ethernet RIO network Quality of Service (QoS) CIP Explicit messaging (server) Modbus TCP server for module diagnostics DHCP client TFTP client FTP client FDR client SNTP client SNTP client SNMP agent		
Cybersecurity	Syslog protocol support		
Connector Type	2 RJ45		
Exchange Mode	Half duplex, full duplex, autonegotiation, auto MDIX		
Transmission Rate	10/100 Mbit/s		
Port Ethernet	10/100BASE-TX		
Function Available	CCOTF (configuration change on the fly) Input data is collected and published to the remote I/O head adaptor Output modules are updated with the data received from remote I/O head adaptor Diagnostics for remote I/O devices (Device DDT) I/O extension rack		
Data Recording	10 ms time stamps		
Topology	Ring		

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

Local Signalling	for module active (RUN) 1 LED (green) for module error (ERR) 1 LED (red) for module status (Mod Status) 1 LED (green/red) for network communication status (Net Status) 1 LED (green/red) for Ethernet link diagnostics (STS) 1 LED (green)	
Current Consumption	1200 mA	
Input Voltage	3.3 V DC	
Product Compatibility	0128 discrete channel 016 analog channel	
Module Format	Standard	
Net Weight	0.50 lb(US) (0.225 kg)	
Maximum Altitude Transport	9842.52 ft (3000 m)	
Relative Humidity	95 % without condensation	
Fixing Mode	By screws	
Mounting Mode	Rack-mounted	
Width	1.26 in (32 mm)	
Height	3.94 in (100 mm)	
Depth	3.44 in (87.5 mm)	

Environment

Directives	2014/35/EU - low voltage directive 2014/30/EU - electromagnetic compatibility		
Product Certifications	CE UL CSA RCM EAC Merchant Navy		
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		
Environmental Characteristic	Standard environment		
Ip Degree Of Protection	IP20		
Ambient Air Temperature For Operation	32140 °F (060 °C)		
Ambient Air Temperature For Storage	-40185 °F (-4085 °C)		
Operating Altitude	<= 6561.68 ft (2000 m)		

Ordering and shipping details

Category	US1PC3418160
Discount Schedule	PC34
Gtin	3595864132457
Returnability	No
Country Of Origin	FR

Packing Units

Unit Type Of Package 1	PCF		

Number Of Units In Package 1	1
Package 1 Height	2.28 in (5.800 cm)
Package 1 Width	4.41 in (11.200 cm)
Package 1 Length	4.80 in (12.200 cm)
Package 1 Weight	8.15 oz (231.000 g)
Unit Type Of Package 2	S02
Number Of Units In Package 2	15
Package 2 Height	5.91 in (15.000 cm)
Package 2 Width	11.81 in (30.000 cm)
Package 2 Length	15.75 in (40.000 cm)
Package 2 Weight	8.39 lb(US) (3.805 kg)

Contractual warranty

Warranty 18 months

Sustainability Screen Premium*

Green PremiumTM **label** is Schneider Electric's commitment to delivering products with best-inclass environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO₂ products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

Learn more about Green Premium >

Guide to assess a product's sustainability >





Transparency RoHS/REACh

Well-being performance



Mercury Free



Rohs Exemption Information

Yes

Certifications & Standards

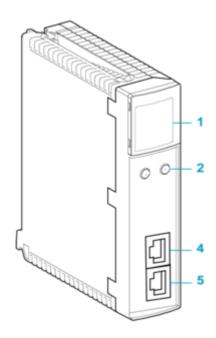
Reach Regulation	REACh Declaration		
Eu Rohs Directive	Pro-active compliance (Product out of EU RoHS legal scope)		
China Rohs Regulation	China RoHS declaration		
Environmental Disclosure	Product Environmental Profile		
Weee	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.		
Weee Circularity Profile	•		

Product data sheet

BMXCRA31200

Presentation

Presentation



1 : LED display
2 : rotary switches

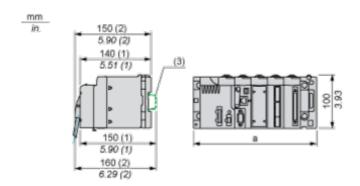
4 : DEVICE NETWORK port (ETH 2) 5 : DEVICE NETWORK port (ETH 3)

BMXCRA31200

Dimensions Drawings

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