Product datasheet

Specification





BMXCRA31200 - Modicon X80 RIO Drop E/IP STD

BMXCRA31200

Price: 20,530.55 ZAR

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 for 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	

Excluding VAT and subject to change. Please check with your local distributor through "Where to buy"



Local Signalling	1 LED (green) for module active (RUN) 1 LED (red) for module error (ERR) 1 LED (green/red) for module status (Mod Status) 1 LED (green/red) for network communication status (Net Status) 1 LED (green) for Ethernet link diagnostics (STS)
Current Consumption	1200 mA
Input Voltage	3.3 V DC
Product Compatibility	0128 discrete channel 016 analog channel
Module Format	Standard
Net Weight	0.225 kg
Maximum Altitude Transport	3000 m
Relative Humidity	95 % without condensation
Fixing Mode	By screws
Mounting Mode	Rack-mounted
Width	32 mm
Height	100 mm
Depth	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	060 °C
Ambient Air Temperature For Storage	-4085 °C
Operating Altitude	<= 2000 m

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	5.800 cm
Package 1 Width	11.200 cm
Package 1 Length	12.200 cm
Package 1 Weight	231.000 g
Unit Type Of Package 2	S02

Number Of Units In Package 2	15
Package 2 Height	15.000 cm
Package 2 Width	30.000 cm
Package 2 Length	40.000 cm
Package 2 Weight	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

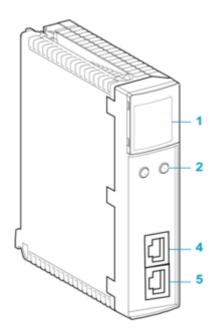
Reach Regulation	REACh Declaration	
Eu Rohs Directive	Pro-active compliance (Product out of EU RoHS legal scope)	
China Rohs Regulation	China RoHS declaration	
Environmental Disclosure	Product Environmental Profile	
Weee	The product must be disposed on European Union markets following specific waste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

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Presentation

Presentation



1 : LED display
2 : rotary switches

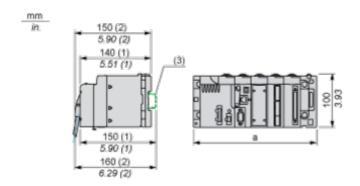
4 : DEVICE NETWORK port (ETH 2) 5 : DEVICE NETWORK port (ETH 3)

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