BMXCRA31210C

remote IO drop E/IP, Modicon X80, performance, service port, advanced features, coated





Main

Range of product	Modicon X80
Range compatibility	Modicon M580 Modicon Quantum
Product or component type	Ethernet I/O head 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	3	
Integrated connection type	1 port for service or distributed equipment 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 dient	
Cybersecurity	Enable/Disable communication ports Syslog protocol support	
Connector type	3 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) Port mirroring System time stamping Non-interfering type 1 I/O extension rack	
Data recording	10 ms time stamps	
Topology	Ring	
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)	

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. This documentation is not inherent or and is not to be used for determining suitability or inhability of these products for specific user applications. It is the dourn aren in 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.

Current consumption	1200 mA
Input voltage	3.3 V DC
Product compatibility	01024 discrete channel 0256 analog channel Counter module Time-stamping module SSI encoder interface module Motion control module Frequency input module AS-Interface module Serial link module Fiber converter modules
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

Protective treatment	Conformal coating
Directives	2014/35/EU - low voltage directive
	2014/30/EU - electromagnetic compatibility 2014/34/EU - ATEX directive
Product certifications	CE[RETURN]UL[RETURN]CSA[RETURN]RCM[RETURN]EAC[RETURN]Merchant Navy[RETURN]ATEX zone 2/22[RETURN]IECEx zone 2/22[RETURN]Hazardous location class 1, division 2
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 61630-3, location G
	UL 121201
	CSA C22.2 No 213
Environmental characteristic	Gas resistant class Gx conforming to ISA S71.04
	Gas resistant class 3C4 conforming to IEC 60721-3-3
	Dust resistant class 3S4 conforming to IEC 60721-3-3
	Sand resistant class 3S4 conforming to IEC 60721-3-3
	Salt resistant level 2 conforming to IEC 68252 Mold growth resistant class 3B2 conforming to IEC 60721-3-3
	Fungal spore resistant class 3B2 conforming to IEC 60721-3-3
IP degree of protection	IP20
Ambient air temperature for operation	-2560 °C
Ambient air temperature for operation Ambient air temperature for storage	-4085 °C
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Operating altitude	<= 2000 m

Packing Units

r doking office		
Unit Type of Package 1	PCE	
Number of Units in Package 1	1	
Package 1 Height	5.500 cm	
Package 1 Width	11.000 cm	
Package 1 Length	11.600 cm	
Package 1 Weight	270.000 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	

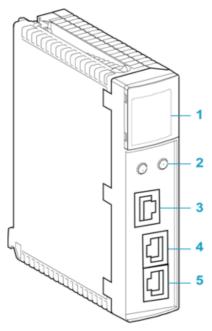
Package 2 Length	40.000 cm	
Package 2 Weight	4.392 kg	
Offer Sustainability		
Sustainable offer status	Green Premium product	
REACh Regulation	☑ REACh Declaration	
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)	
Mercury free	Yes	
China RoHS Regulation	☑ China RoHS Declaration	
RoHS exemption information	₫Yes	
Environmental Disclosure	Product Environmental Profile	
Circularity Profile	End Of Life Information	
WEEE	The product must be disposed on European Union markets following specif waste collection and never end up in rubbish bins	

Contractual warranty

Warranty	18 months

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Presentation



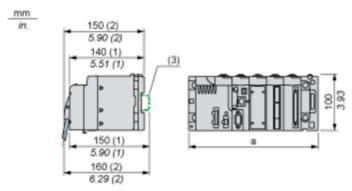
- 1 : LED display
- 2 : rotary switches
- 3: SERVICE port (ETH 1)
- 4 : DEVICE NETWORK port (ETH 2)
- 5 : DEVICE NETWORK port (ETH 3)

Product data sheet Dimensions Drawings

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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