Product datasheet

Specification





Modicon X80 EIO Drop adapter with Ethernet backplane

BMECRA31210

Price: 30,968.54 ZAR

Main

Range Of Product	Modicon X80
Range Compatibility	Modicon M580
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 Ethernet 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 client SNTP gent
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

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)
	TEED (grooti) for Euromot link diagnostics (010)
Current Consumption	1800 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
	HART module
	weighing module
	CANopen master module (standalone CPU only)
	PROFIBUS module (standalone CPU only)
	Ethernet switch module
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	IEC 61131-2 IEC 61010-2-201 UL 61010-2-201 CSA C22.2 No 61010-2-201 IACS E10 IEC 61000-6-5, interface type 1 and type 2 IEC 61850-3, location G
Environmental Characteristic	Standard environment
Ip Degree Of Protection	IP20
Ambient Air Temperature For Operation	00° °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	5.500 cm
Package 1 Width	11.200 cm
Package 1 Length	12.000 cm
Package 1 Weight	262.000 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	4.246 kg

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

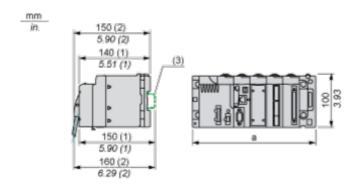
Reach Regulation	Pro-active compliance (Product out of EU RoHS legal scope)	
Eu Rohs Directive		
China Rohs Regulation	China RoHS declaration	
Environmental Disclosure	Product Environmental Profile	
Weee	The product must be disposed on European Union markets following specific waste collection and never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

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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 BMEXBP0400/0400H/0800/0800H/1200/1200H rack.

	a (in mm)	a (in in.)
BMEXBP0400 and BMEXBP0400H	242.4	09.54
BMEXBP0800 and BMEXBP0800H	372.8	14.68
BMEXBP1200 and BMEXBP1200H	503.2	19.81