Product datasheet

Specifications

Modicon X80 Peripheral Remote IO Adaptor module

Local distributor code:
398050869   BMXPRA0100

EAN Code: 3595864063317

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

Directives	2014/35/EU - low voltage directive 2014/30/EU - electromagnetic compatibility 2014/34/EU - ATEX directive
Product certifications	CE UL CSA RCM EAC Merchant Navy ATEX zone 2/22 IECEx zone 2/22

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 60079-0
Environmental characteristic	Hazardous location class I division 2
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

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	5.500 cm
Package 1 Width	11.000 cm
Package 1 Length	11.500 cm
Package 1 Weight	238.000 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	4.000 kg

Logistical informations

Country of origin	FR

Contractual warranty

Warranty	18 months

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Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing "Use Better, Use Longer, Use Again" campaign to extend product lifetimes and recyclability.

Environmental Data explained >

How we assess product sustainability >

Environmental footprint

Carbon footprint (kg.eq.CO2 per CR, Total Life cycle)	**120**
Environmental Disclosure	**Product Environmental Profile**

Use Better

Materials and Substances

EU RoHS Directive	**Pro-active compliance (Product out of EU RoHS legal scope)**
REACh Regulation	**REACh Declaration**

Use Again

Repack and remanufacture

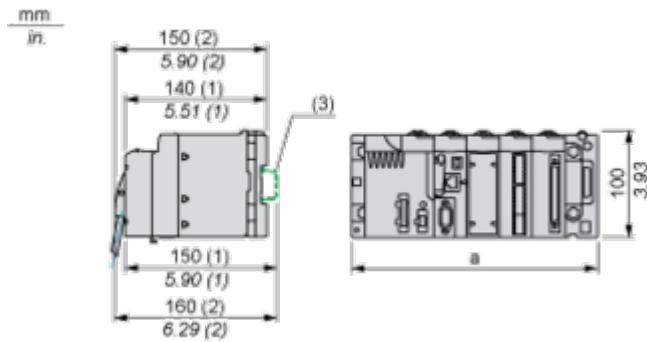|	
Circularity Profile	**End of Life Information**
WEEE	**The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins**
Take-back	**No**

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

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