

# Product data sheet

Specifications



peripheral remote IO adaptor module, Modicon X80, max 1024 discrete with 256 analog IO, Ethernet

BMXPRA0100

## 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 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	Module active (RUN) 1 LED green) Module error (ERR) 1 LED red) External fault (I/O) 1 LED red) Activity on Ethernet network (ETH ACT) 1 LED green) Memory card fault (CARD ERR) 1 LED red) Ethernet link diagnostics (STS) 1 LED green) Ethernet network status (link) 1 LED green)
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	9842.52 ft (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

<b>Standards</b>	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
<b>Environmental Characteristic</b>	Hazardous location class I division 2
<b>Ip Degree Of Protection</b>	IP20
<b>Ambient Air Temperature For Operation</b>	-13...158 °F (-25...70 °C)
<b>Ambient Air Temperature For Storage</b>	-40...185 °F (-40...85 °C)
<b>Operating Altitude</b>	<= 2000 m

## Packing Units

<b>Unit Type Of Package 1</b>	PCE
<b>Number Of Units In Package 1</b>	1
<b>Package 1 Height</b>	2.17 in (5.500 cm)
<b>Package 1 Width</b>	4.33 in (11.000 cm)
<b>Package 1 Length</b>	4.53 in (11.500 cm)
<b>Package 1 Weight</b>	8.40 oz (238.000 g)
<b>Unit Type Of Package 2</b>	S02
<b>Number Of Units In Package 2</b>	15
<b>Package 2 Height</b>	5.91 in (15.000 cm)
<b>Package 2 Width</b>	11.81 in (30.000 cm)
<b>Package 2 Length</b>	15.75 in (40.000 cm)
<b>Package 2 Weight</b>	8.82 lb(US) (4.000 kg)

## Sustainability

**Green Premium™ label** is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO<sub>2</sub> products.

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

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[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

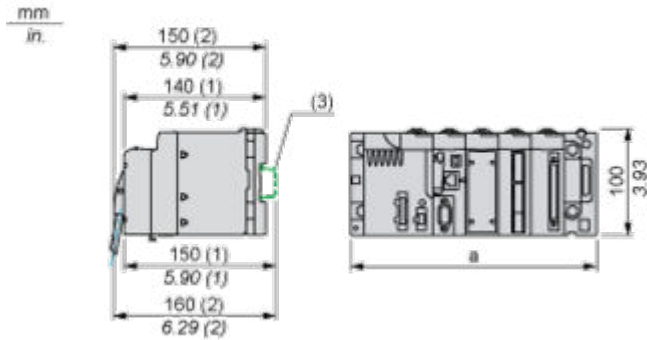
Circularity Profile [End of Life Information](#)

Dimensions Drawings

Modules Mounted on Racks

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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