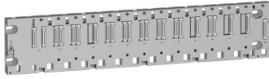


# Product data sheet

Specifications

## rack, Modicon X80, 12 slots, Ethernet backplane, ruggedized



BMEXBP1200H

**Product availability: Stock - Normally stocked in distribution facility**

### Main

Range of Product	Modicon X80
accessory / separate part type	Ruggedized rack
Product Specific Application	For severe environments

### Complementary

Number of slots	8 bus X + Ethernet 4 bus X
Product Compatibility	I/O module BMX processor Specific application module BMXCPS power supply BME processor
Power consumption in W	283 mW 3.3 V DC 3.9 W 24 V DC
Electrical connection	1 connector (XBE) expansion module
Fixing mode	By 4 M6 screws plate By 4 screws 0.17...0.25 in (4.32...6.35 mm) panel
Current consumption	164 mA 24 V DC 86 mA 3.3 V DC
MTBF reliability	1166108 H
Net Weight	3.036 lb(US) (1.377 kg)

### Environment

IP Degree of Protection	IP20
Ambient Air Temperature for Operation	-13...158 °F (-25...70 °C)
Relative Humidity	5...95 % without condensation
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

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

<b>Standards</b>	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 IEC 60079-0
<b>Environmental characteristic</b>	Gas resistant class Gx ISA S71.04 Gas resistant class 3C4 IEC 60721-3-3 Dust resistant class 3S4 IEC 60721-3-3 Sand resistant class 3S4 IEC 60721-3-3 Salt resistant level 2 IEC 68252 Mold growth resistant class 3B2 IEC 60721-3-3 Fungal spore resistant class 3B2 IEC 60721-3-3 Hazardous location class I division 2
<b>Protective treatment</b>	Conformal coating

## Ordering and shipping details

<b>Category</b>	US1PC3418160
<b>Discount Schedule</b>	PC34
<b>GTIN</b>	3595864174297
<b>Returnability</b>	Yes
<b>Country of origin</b>	FR

## Packing Units

<b>Unit Type of Package 1</b>	PCE
<b>Number of Units in Package 1</b>	1
<b>Package 1 Height</b>	2.76 in (7.000 cm)
<b>Package 1 Width</b>	6.10 in (15.500 cm)
<b>Package 1 Length</b>	22.40 in (56.900 cm)
<b>Package 1 Weight</b>	3.056 lb(US) (1.386 kg)
<b>Unit Type of Package 2</b>	S04
<b>Number of Units in Package 2</b>	8
<b>Package 2 Height</b>	11.81 in (30.000 cm)
<b>Package 2 Width</b>	15.75 in (40.000 cm)
<b>Package 2 Length</b>	23.62 in (60.000 cm)
<b>Package 2 Weight</b>	26.433 lb(US) (11.990 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.

[Learn more about Green Premium >](#)

[How we assess product sustainability >](#)



Transparency

## Well-being performance

✓ Mercury Free

✓ Rohs Exemption Information [Yes](#)

**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](#)

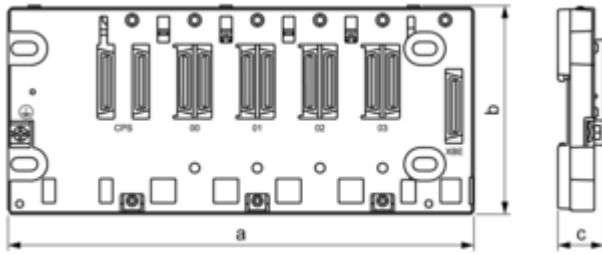
**Weee** The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.

**Circularity Profile** [End of Life Information](#)

**California Proposition 65** WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

Dimensions Drawings

Dimensions



Dimensions in mm

a		b	c
Empty Rack	Rack With Extender Module Mounted		
503.2	504.38	105.11	19
		<b>NOTE:</b> Overall height is 134.6 with a CPU mounted.	

Dimensions in in.

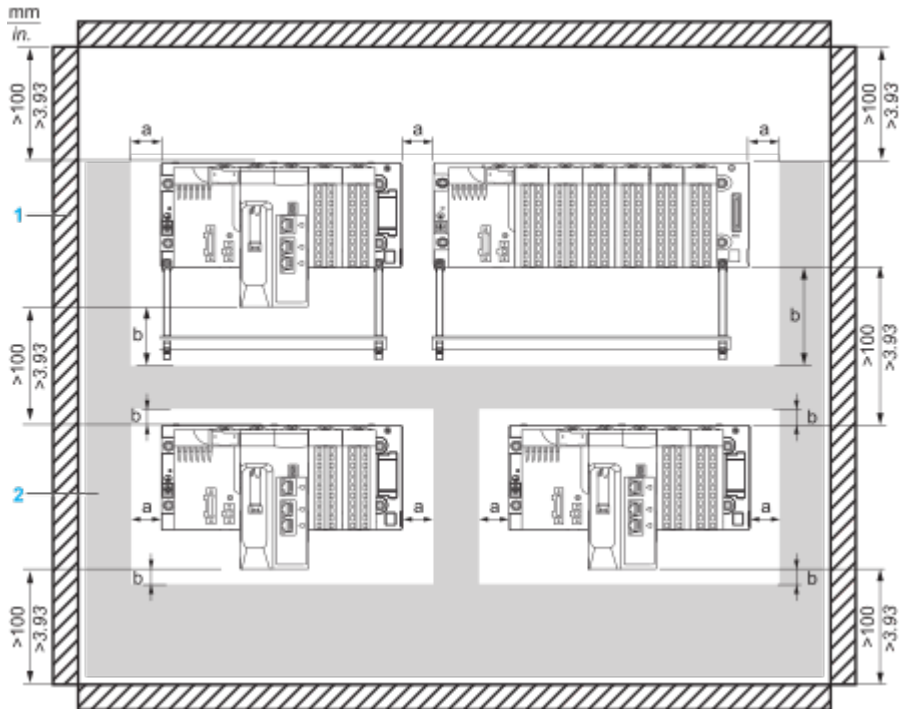
a		b	c
Empty Rack	Rack With Extender Module Mounted		
19.81	19.85	4.14	0.75
		<b>NOTE:</b> Overall height is 5.30 with a CPU mounted.	

Mounting and Clearance

Minimum Clearance

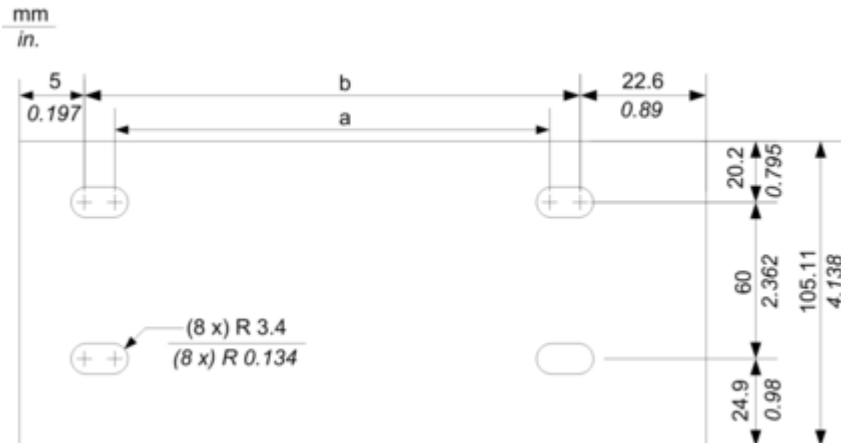
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Minimum Clearance of a typical installation in a cabinet with ducts



- a Side clearance:  $> 40$  mm (1.57 in.)
- b Top and bottom clearance with surrounding objects:  $> 20$  mm (0.79 in.)
- 1 Installation or casing
- 2 Wiring duct or tray

Mounting and Fastening the Rack on Panels



**NOTE:** You can use M4, M5, M6, or UNC #6 screws in the fastening holes.

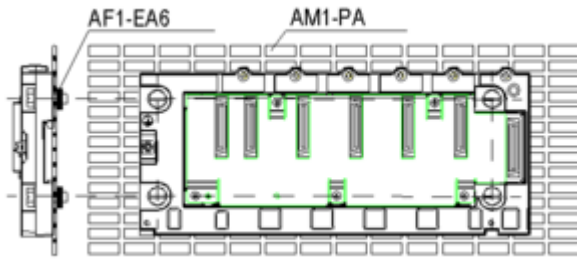
Dimensions in mm

a	b
462.9	475.6

Dimensions in in.

a	b
18.22	18.72

Mounting on Telequick Grid AM1-PA and AM3-PA Mounting Grids



Fasten the rack with four M4, M5, M6 or UNC #6 screws