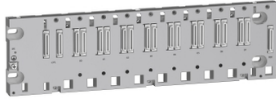


# Product datasheet

Specifications



## ruggedized rack X80 - 8 slots - Ethernet backplane



BMEXBP0800H

**Price: 8,130.97 ZAR**

### 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
Product Compatibility	I/O module BMX processor Specific application module BMXCPS power supply BME processor
Power Consumption In W	211 mW 3.3 V DC 3.9 W 24 V DC
Electrical Connection	1 connector (XBE) expansion module
Fixing Mode	By 4 screws - diameter: 4.32...6.35 mm, mounting on panel By 4 M6 screws, mounting on plate By clips, mounting on 35 mm symmetrical DIN rail
Current Consumption	64 mA at 3.3 V DC 164 mA at 24 V DC
Mtbf Reliability	1297516 H
Net Weight	1.06 kg

### Environment

Ip Degree Of Protection	IP20
Ambient Air Temperature For Operation	-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

Excluding VAT and subject to change. Please check with your local distributor through "Where to buy"

<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 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 Hazardous location class I division 2
<b>Protective Treatment</b>	Conformal coating

## Packing Units

<b>Unit Type Of Package 1</b>	PCE
<b>Number Of Units In Package 1</b>	1
<b>Package 1 Height</b>	6.500 cm
<b>Package 1 Width</b>	15.500 cm
<b>Package 1 Length</b>	45.500 cm
<b>Package 1 Weight</b>	1.047 kg
<b>Unit Type Of Package 2</b>	S04
<b>Number Of Units In Package 2</b>	9
<b>Package 2 Height</b>	30.000 cm
<b>Package 2 Width</b>	40.000 cm
<b>Package 2 Length</b>	60.000 cm
<b>Package 2 Weight</b>	10.306 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 >](#)

[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](#)

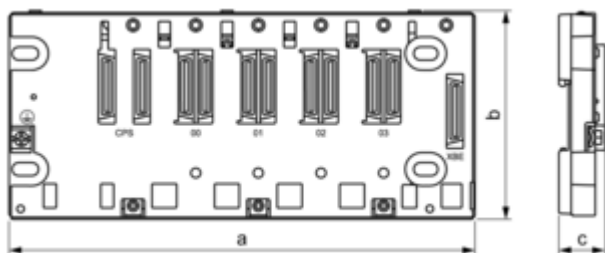
Environmental Disclosure [Product Environmental Profile](#)

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

Dimensions



Dimensions in mm

a		b	c
Empty Rack	Rack With Extender Module Mounted		
372.8	373.98	105.11 <b>NOTE:</b> Overall height is 134.6 with a CPU mounted.	19

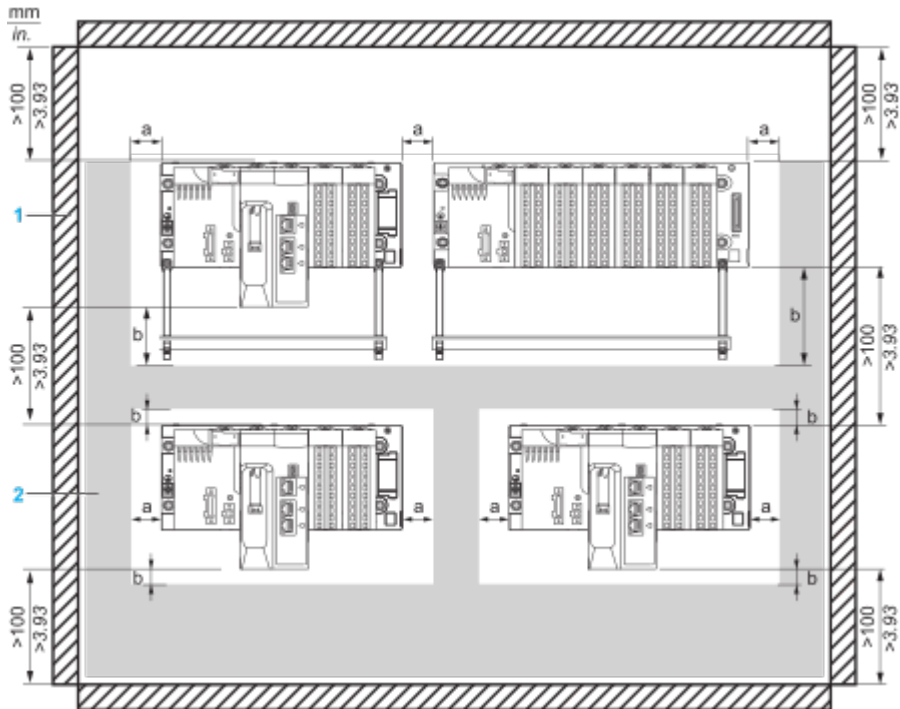
Dimensions in in.

a		b	c
Empty Rack	Rack With Extender Module Mounted		
14.68	14.72	4.14 <b>NOTE:</b> Overall height is 5.30 with a CPU mounted.	0.75

Mounting and Clearance

Minimum Clearance

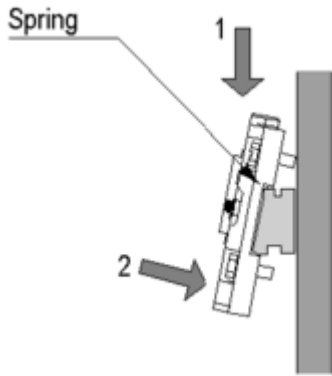
Minimum Clearance of a typical installation in a cabinet with ducts



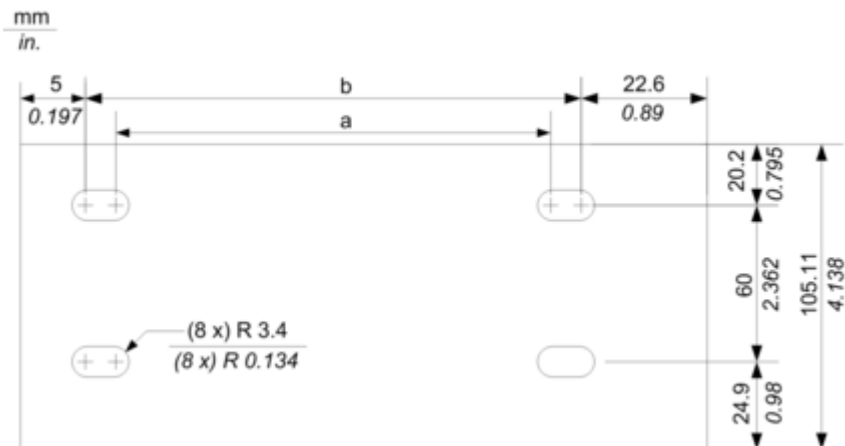
- a Side clearance:  $> 40 \text{ mm}$  (1.57 in.)
- b Top and bottom clearance with surrounding objects:  $> 20 \text{ mm}$  (0.79 in.)
- 1 Installation or casing
- 2 Wiring duct or tray

Mounting a Rack on a DIN rail

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Mounting and Fastening the Rack on Panels



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

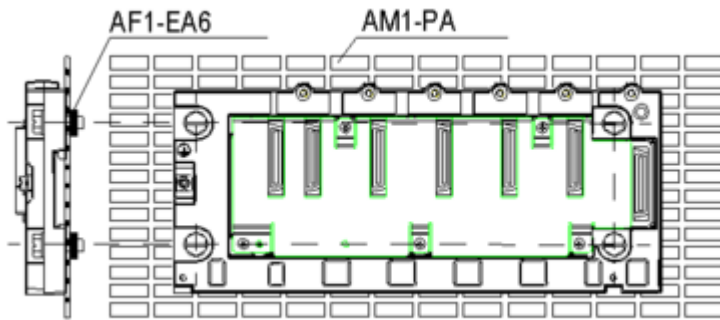
Dimensions in mm

a	b
332.5	345.2

Dimensions in in.

a	b
13.09	13.59

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



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