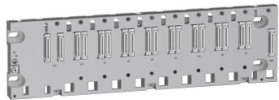


# Product data sheet

Specifications

rack, Modicon X80, 8 slots, Ethernet  
backplane, ruggedized



BMEXBP0800H

## 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

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

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 IEC 60079-0
Environmental Characteristic	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
Protective Treatment	Conformal coating

## Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	6.500 cm
Package 1 Width	15.500 cm
Package 1 Length	45.500 cm
Package 1 Weight	1.047 kg
Unit Type Of Package 2	S04
Number Of Units In Package 2	9
Package 2 Height	30.000 cm
Package 2 Width	40.000 cm
Package 2 Length	60.000 cm
Package 2 Weight	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

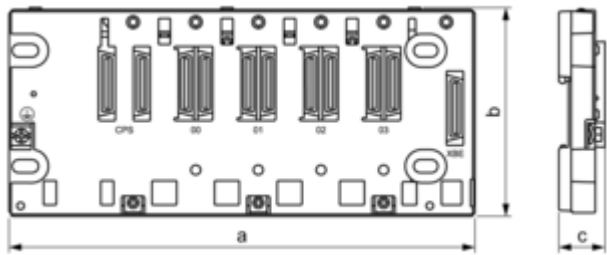
Yes

## Certifications & Standards

Reach Regulation	<a href="#">REACH Declaration</a>
Eu Rohs Directive	Pro-active compliance (Product out of EU RoHS legal scope)
China Rohs Regulation	<a href="#">China RoHS declaration</a>
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
Weee	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
Circularity Profile	<a href="#">End of Life Information</a>
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 <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>

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

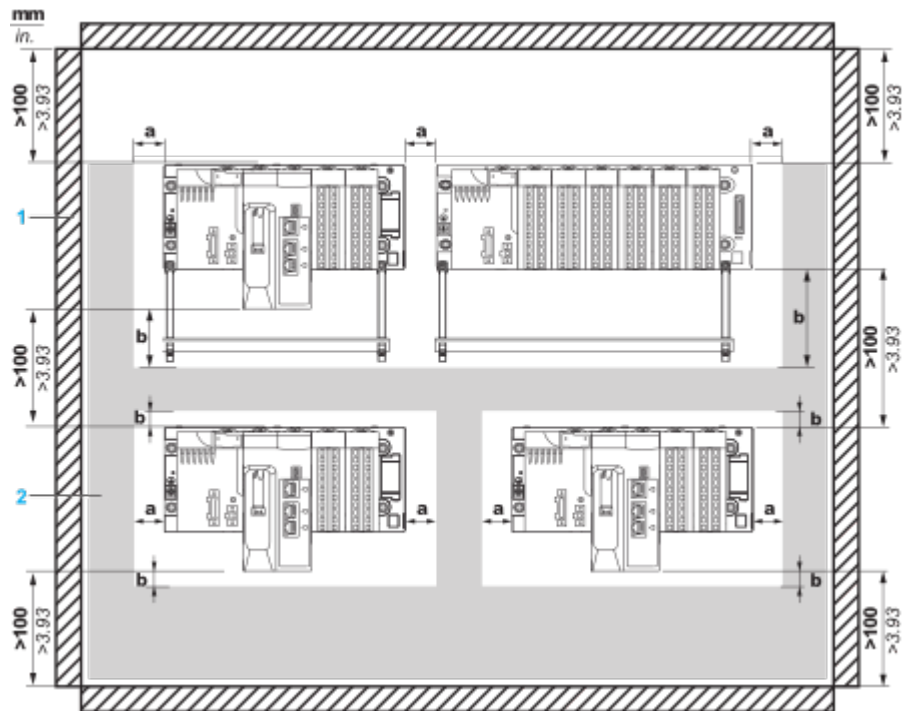
Dimensions in in.

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:  $> 40$  mm (1.57 in.)

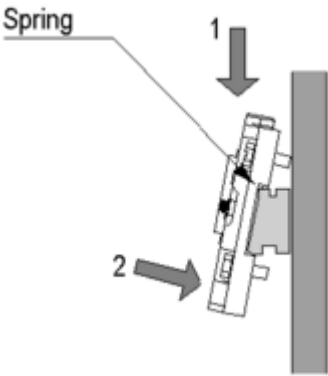
b Top and bottom clearance with surrounding objects:  $> 20$  mm (0.79 in.)

1 Installation or casing

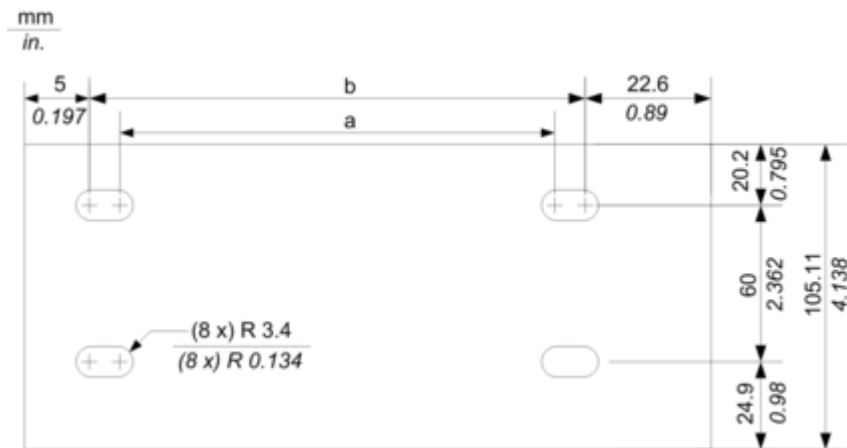
2 Wiring duct or tray

Mounting 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.

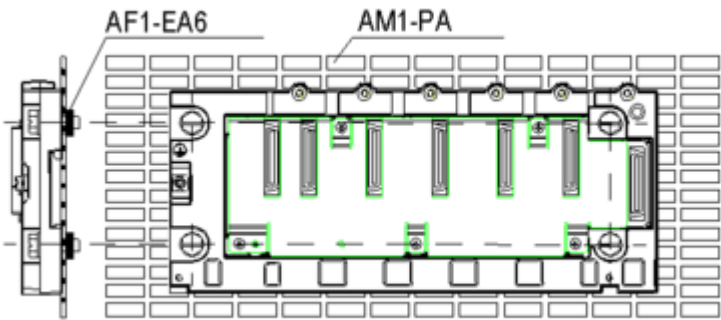
Dimensions in mm

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