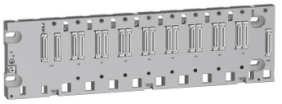
Product datasheet

Specifications

Green Premium™

rack, Modicon X80, 8 slots, Ethernet backplane



BMEXBP0800

Main

Range Of Product	Modicon X80
Accessory / Separate Part Type	Rack

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	0…60 °C
Relative Humidity	5…95 % without condensation
Directives	2014/35/EU - low voltage directive 2014/30/EU - electromagnetic compatibility

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	6.800 cm
Package 1 Width	15.500 cm
Package 1 Length	46.000 cm
Package 1 Weight	1.032 kg
Unit Type Of Package 2	S04

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

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	10.200 kg
Unit Type Of Package 3	P06
Number Of Units In Package 3	36
Package 3 Height	75.000 cm
Package 3 Width	60.000 cm
Package 3 Length	80.000 cm
Package 3 Weight	53.000 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_2 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

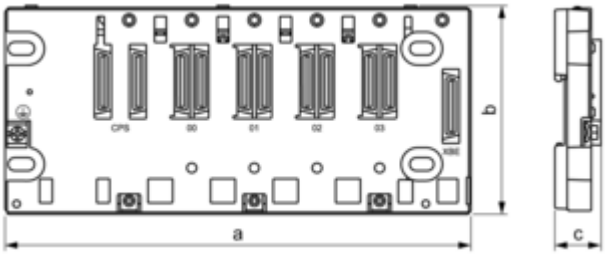
Rohs Exemption Information	Yes

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 **NOTE:** Overall height is 134.6 with a CPU mounted.	19

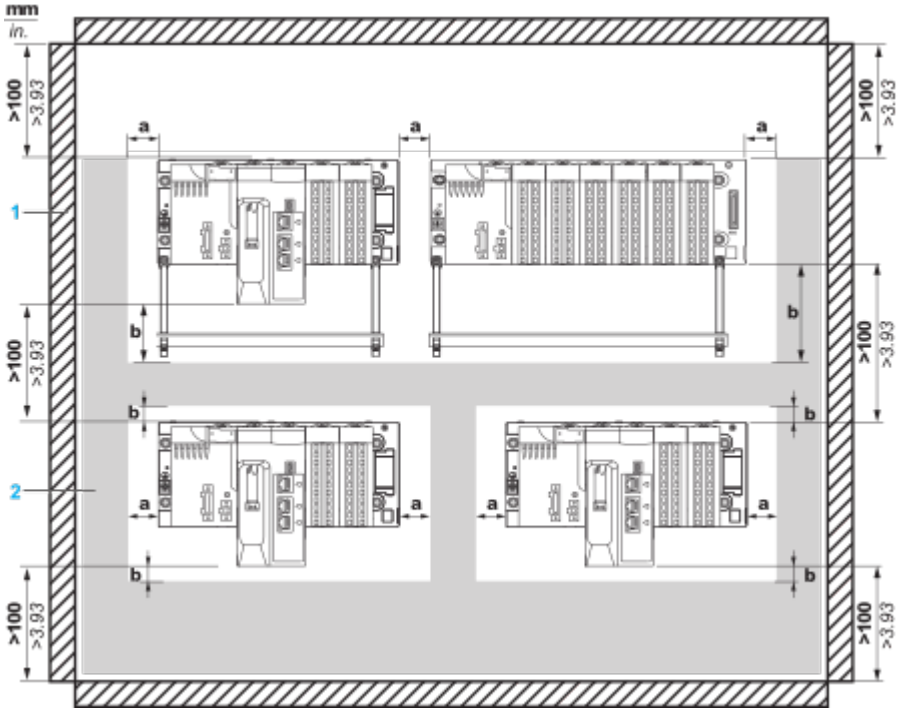
Dimensions in in.

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

Mounting and Clearance

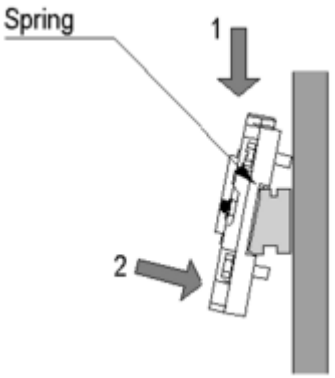
Minimum Clearance

Minimum Clearance of a typical installation in a cabinet with ducts

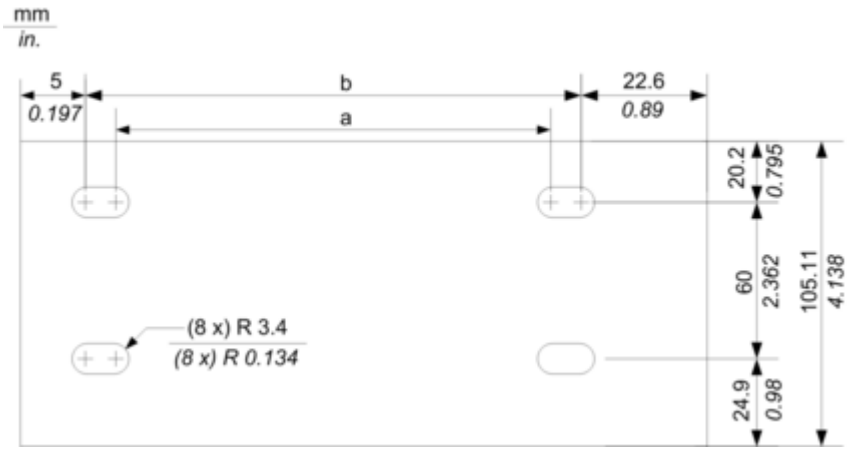


a Side clearance: > 40 mm (1.57 in.)
b Top and bottom clearance with surrounding objects: > 20 mm (0.79 in.)
1 Installation or casing
2 Wiring duct or tray

Mounting a Rack on a DIN rail



Mounting and Fastening the Rack on Panels



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

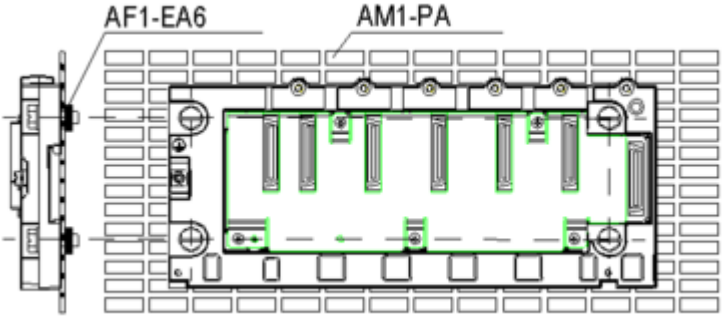
Dimensions in mm

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