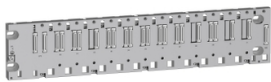


Product datasheet

Specifications

rack, Modicon X80, 12 slots, Ethernet backplane



BMEXBP1200

Main

Range of product	Modicon X80
Accessory / separate part type	Rack

Complementary

Number of slots	8 bus X + Ethernet 4 bus X
Product compatibility	I/O module Specific application module BMXCPS power supply BMX processor 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, mounting on plate By 4 screws - diameter: 4.32...6.35 mm, mounting on panel
Current consumption	164 mA at 24 V DC 86 mA at 3.3 V DC
MTBF reliability	1166108 H
Net weight	1.377 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	6.700 cm
Package 1 Width	15.400 cm
Package 1 Length	58.500 cm
Package 1 Weight	1.367 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	8
Package 2 Height	30.000 cm
Package 2 Width	40.000 cm
Package 2 Length	60.000 cm
Package 2 Weight	11.768 kg
Unit Type of Package 3	P06
Number of Units in Package 3	32
Package 3 Height	75.000 cm
Package 3 Width	60.000 cm
Package 3 Length	80.000 cm
Package 3 Weight	54.000 kg

Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

Environmental footprint	
Carbon footprint (kg.eq.CO2 per CR, Total Life cycle)	216
Environmental Disclosure	Product Environmental Profile

Use Better

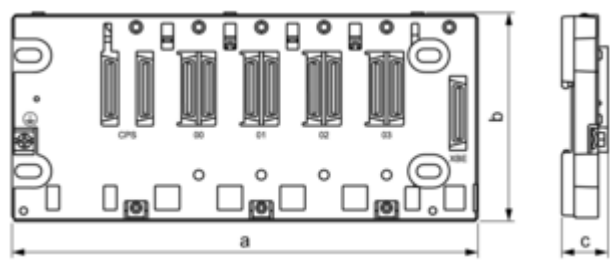
Materials and Substances	
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	No
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)
REACH Regulation	REACH Declaration

Use Again

Repack and remanufacture	
Circularity Profile	End of Life Information
Take-back	No
WEEE	 The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

Dimensions Drawings

Dimensions



Dimensions in mm

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

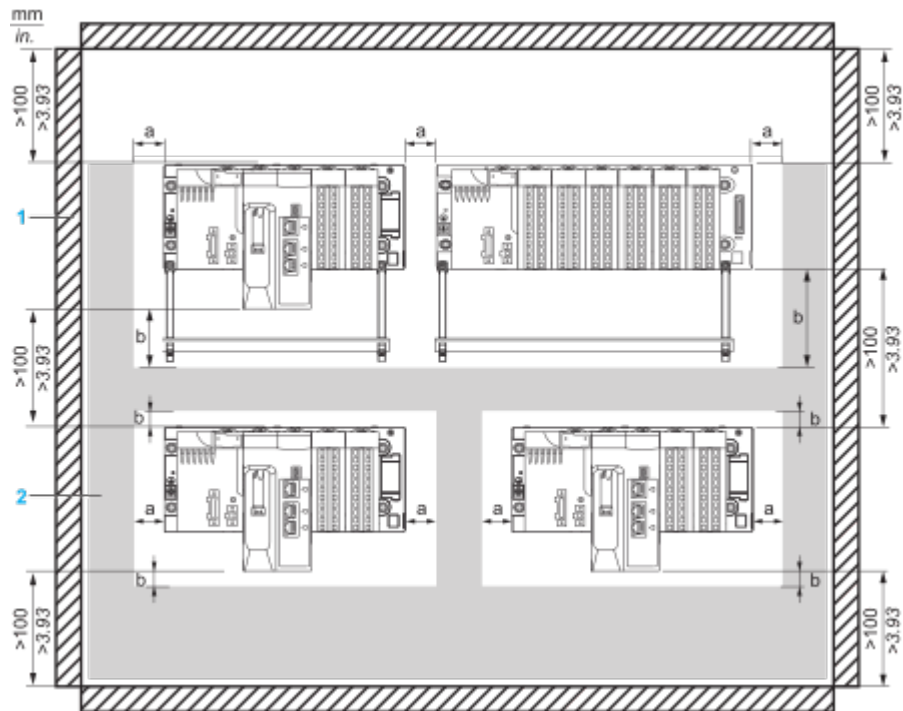
Dimensions in in.

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

Mounting and Clearance

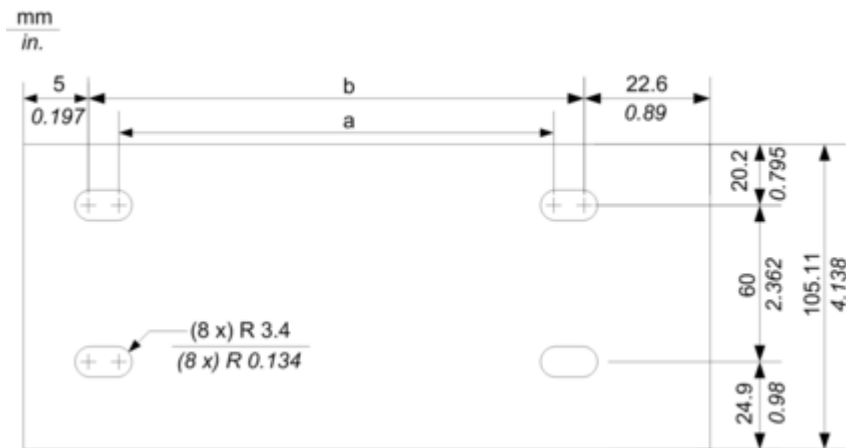
Minimum Clearance

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 and Fastening the Rack on Panels



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

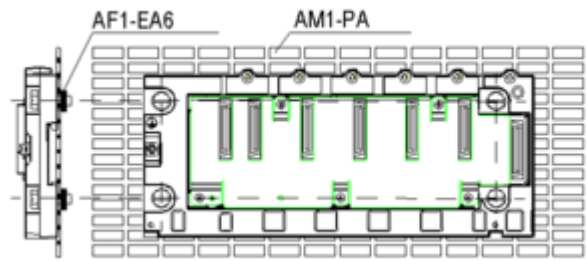
Dimensions in mm

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

Image of product / Alternate images

Alternative

