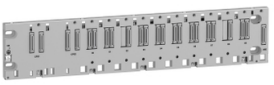
Product data sheet

Specifications

Green Premium™



rack, Modicon X80, 10 slots, Redundant PS, Ethernet backplane

BMEXBP1002

Product availability: Stock - Normally stocked in distribution facility

Main

Range Of Product	Modicon X80
Accessory / Separate Part Type	Rack

Complementary

Number Of Slots	8 bus X + Ethernet 2 bus X
Product Compatibility	Specific application module I/O module BMXCPS4002 BMX processor BME processor
Power Consumption In W	251 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	162 mA 24 V DC 76 mA 3.3 V DC
Mtbf Reliability	1184170 H
Net Weight	3.02 lb(US) (1.37 kg)

Environment

Ip Degree Of Protection	IP20
Ambient Air Temperature For Operation	32…140 °F (0…60 °C)
Relative Humidity	5…95 % without condensation
Directives	2014/35/EU - low voltage directive 2014/30/EU - electromagnetic compatibility

Ordering and shipping details

Category	US1PC3418160
Discount Schedule	PC34
Gtin	3606480911750
Returnability	Yes
Country Of Origin	US

Packing Units

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

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

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	2.72 in (6.900 cm)
Package 1 Width	6.22 in (15.800 cm)
Package 1 Length	22.40 in (56.900 cm)
Package 1 Weight	2.99 lb(US) (1.355 kg)
Unit Type Of Package 2	S04
Number Of Units In Package 2	8
Package 2 Height	11.81 in (30.000 cm)
Package 2 Width	15.75 in (40.000 cm)
Package 2 Length	23.62 in (60.000 cm)
Package 2 Weight	25.31 lb(US) (11.480 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

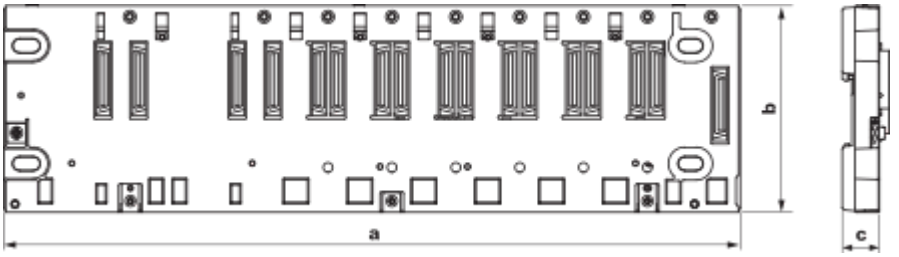
Rohs Exemption Information	Yes

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
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

Dimensions Drawings

Dimensions



Dimensions in mm

a		b	c
Empty Rack	Rack With Extender Module Mounted		
506.20	507.38	105.11 **NOTE:** Overall height is 134.6 with a CPU mounted.	19

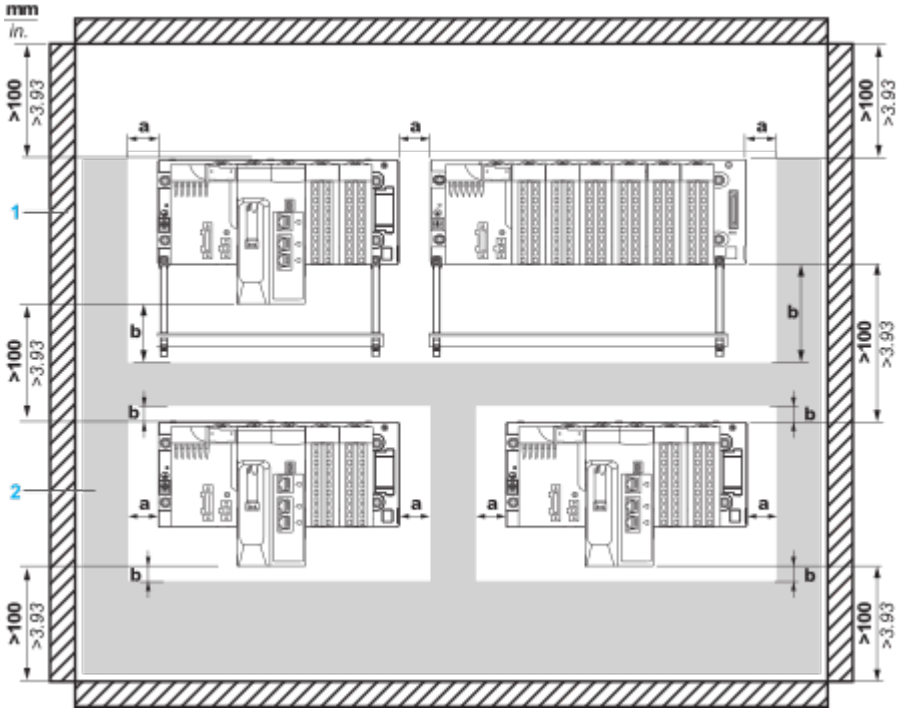
Dimensions in in.

a		b	c
Empty Rack	Rack With Extender Module Mounted		
19.93	19.97	4.14 **NOTE:** Overall height is 5.30 with a CPU mounted.	0.75

Mounting and Clearance

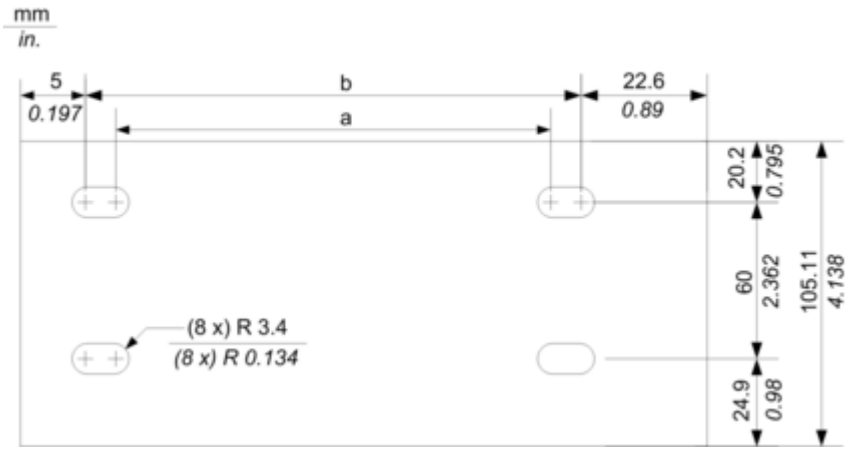
Minimum Clearance

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.

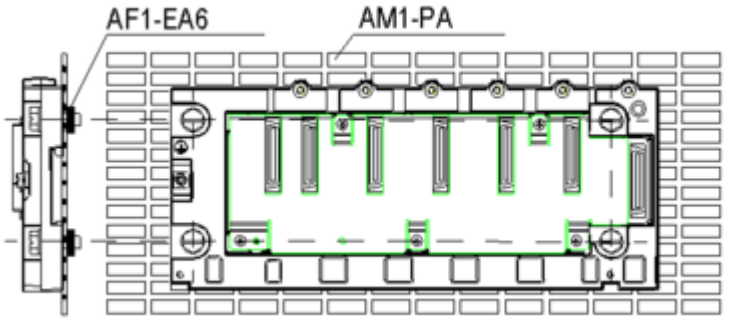
Dimensions in mm

a	b
462.90	475.60

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