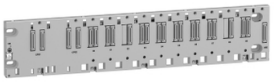
Product data sheet

Specifications



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

Unit Type of Package 1	PCE

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

Nbr. of units in pkg.	1
Package 1 Height	2.598 in (6.600 cm)
Package 1 Width	6.024 in (15.300 cm)
Package 1 Length	23.228 in (59.000 cm)
Package weight(Lbs)	3.051 lb(US) (1.384 kg)
Unit Type of Package 2	S04
Number of Units in Package 2	8
Package 2 Height	11.811 in (30.000 cm)
Package 2 Width	15.748 in (40.000 cm)
Package 2 Length	23.622 in (60.000 cm)
Package 2 Weight	25.825 lb(US) (11.714 kg)

Contractual warranty

Warranty (in months)	18

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

Total lifecycle Carbon footprint	**214 kg CO2 eq.**
Carbon footprint of the manufacturing phase [A1 to A3]	**13 kg CO2 eq.**
Carbon footprint of the distribution phase [A4]	**0.2 kg CO2 eq.**
Carbon footprint of the installation phase [A5]	**0 kg CO2 eq.**
Carbon footprint of the use phase [B2, B3, B4, B6]	**200 kg CO2 eq.**
Carbon footprint of the end-of-life phase [C1 to C4]	**0.5 kg CO2 eq.**
Environmental Disclosure	Product Environmental Profile

Use Better

Materials and Substances

Packaging made with recycled cardboard	**Yes**
Packaging without single use plastic	**Yes**
EU RoHS Directive	Compliant By Exemption
REACh Regulation	Reference contains Substances of Very High Concern above the threshold
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**
PVC free	**Yes**

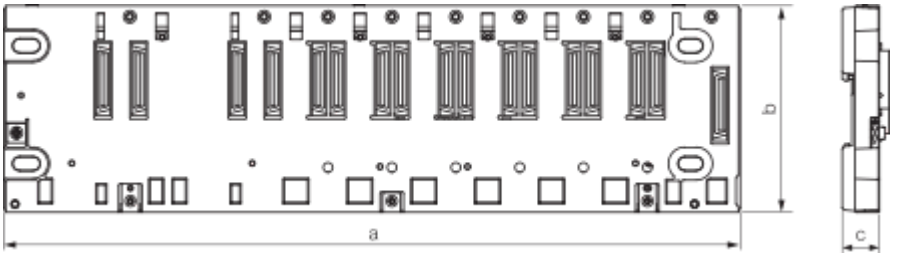
Use Again

Repack and remanufacture

Recyclability potential, in %	**0**
Circularity Profile	End of Life Information
Take-back	**No**

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

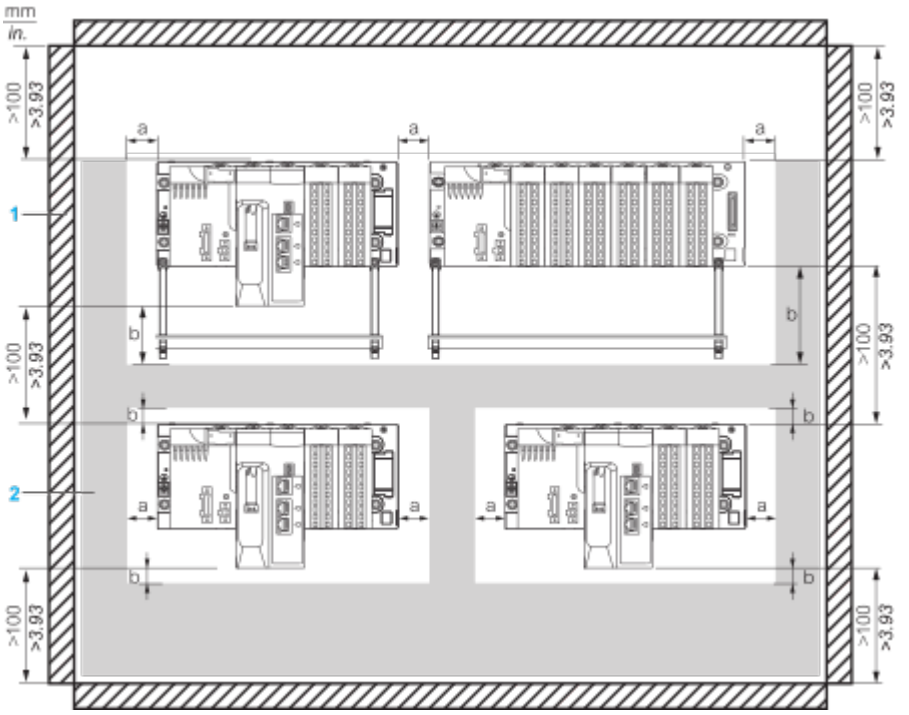
Dimensions in in.

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

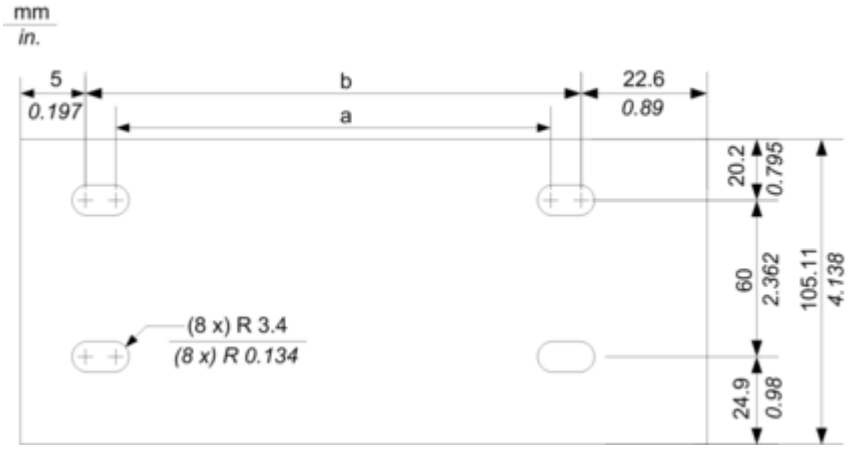
Minimum Clearance

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.

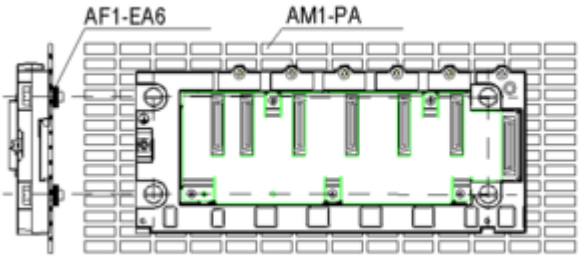
Dimensions in mm

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

Image of product / Alternate images

Alternative









