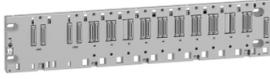# Product data sheet

Specifications

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

BMEXBP1002H

Product availability: Stock - Normally stocked in distribution facility

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 2 bus X
Product Compatibility	Specific application module BMX processor BMXCPS4002 BME processor I/O module
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	-13…158 °F (-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

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

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 ISA S71.04
	Gas resistant class 3C4 IEC 60721-3-3
	Dust resistant class 3S4 IEC 60721-3-3
	Sand resistant class 3S4 IEC 60721-3-3
	Salt resistant level 2 IEC 68252
	Mold growth resistant class 3B2 IEC 60721-3-3
	Fungal spore resistant class 3B2 IEC 60721-3-3
	Hazardous location class I division 2
Protective treatment	Conformal coating

Ordering and shipping details

Category	US1PC3418160
Discount Schedule	PC34
GTIN	3606480911774
Returnability	Yes
Country of origin	FR

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	2.559 in (6.500 cm)
Package 1 Width	5.906 in (15.000 cm)
Package 1 Length	23.031 in (58.500 cm)
Package weight(Lbs)	3.018 lb(US) (1.369 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	25.397 lb(US) (11.520 kg)

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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 CO2 eq, Total Life cycle)	**214**
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**
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**

Use Again

Repack and remanufacture

Circularity Profile	**End of Life Information**
Take-back	**No**

BMEXBP1002H

Dimensions Drawings

Dimensions
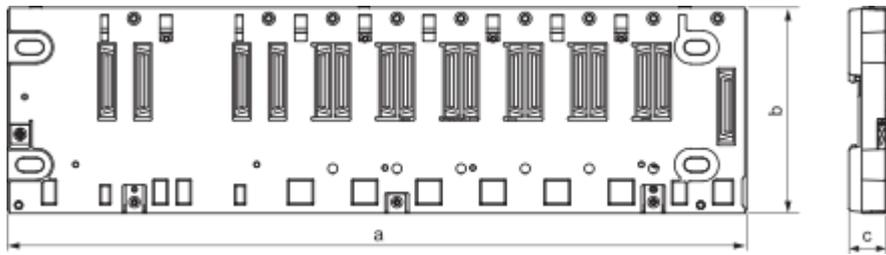
Dimensions in mm

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

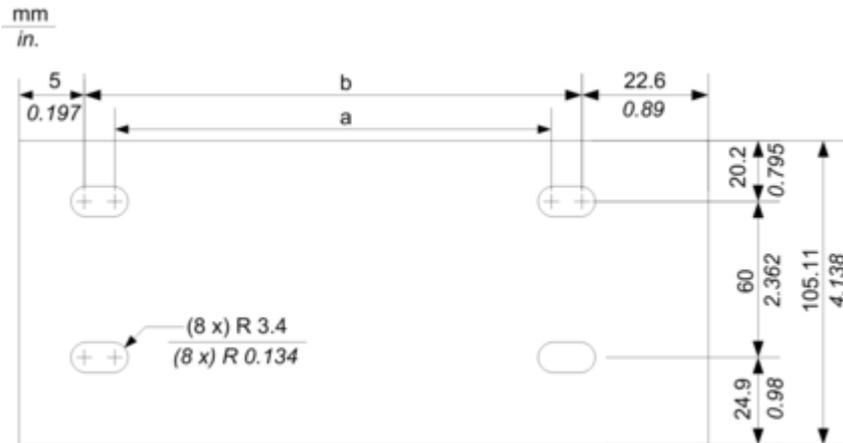Life Is On | Schneider Electric

Mounting and Clearance

Minimum Clearance

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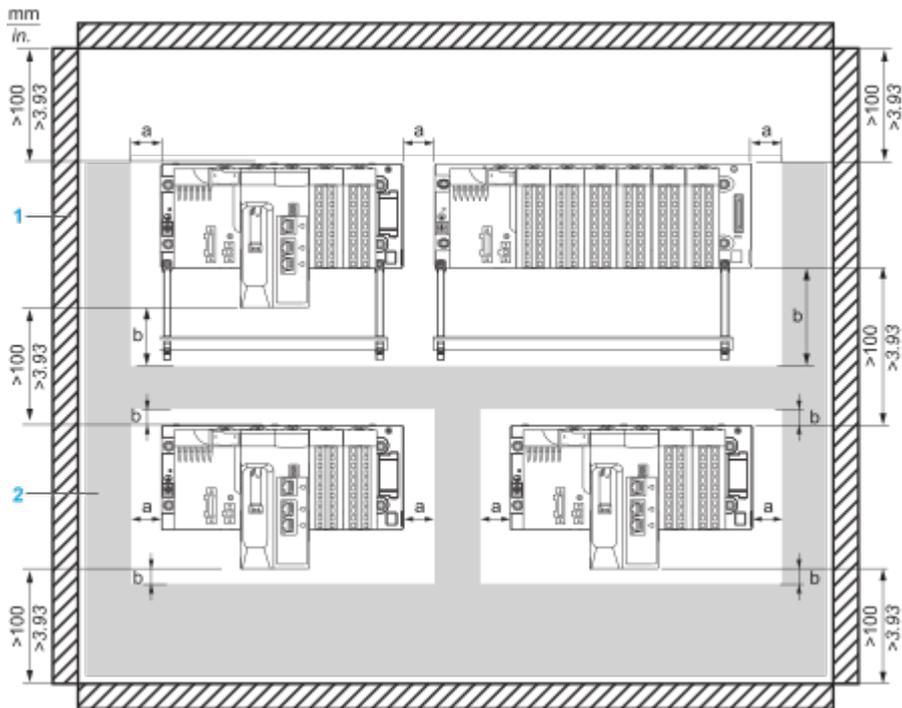
a Side clearance: > 40 mm (1.57 in.)
b Top and bottom clearance with surrounding objects: > 20 mm (0.79 in.)
1 Installation or casing
2 Wiring duct or tray

Mounting and Fastening the Rack on Panels

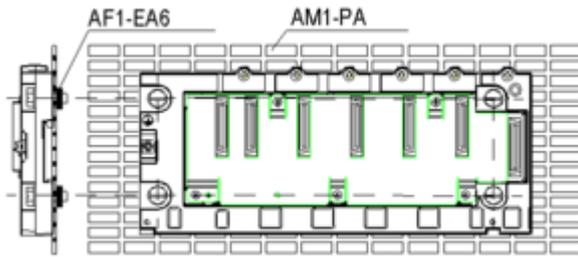**NOTE:** You can use M4, M5, M6, or UNC #6 screws in the fastening holes.

Dimensions in mm

a	b
462.90	475.60

Dimensions in in.

a	b
18.22	18.72

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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