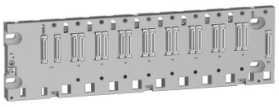
Product data sheet

Specifications



rack, Modicon X80, 8 slots, Ethernet backplane, ruggedized

BMEXBP0800H

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
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 0.17…0.25 in (4.32…6.35 mm) panel By 4 M6 screws plate By clips 35 mm symmetrical DIN rail
Current consumption	64 mA 3.3 V DC 164 mA 24 V DC
MTBF reliability	1297516 H
Net Weight	2.34 lb(US) (1.06 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.

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

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	3595864174266
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	6.102 in (15.500 cm)
Package 1 Length	17.913 in (45.500 cm)
Package weight(Lbs)	2.308 lb(US) (1.047 kg)
Unit Type of Package 2	S04
Number of Units in Package 2	9
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	22.721 lb(US) (10.306 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	**209 kg CO2 eq.**
Carbon footprint of the manufacturing phase [A1 to A3]	**10 kg CO2 eq.**
Carbon footprint of the distribution phase [A4]	**0.1 kg CO2 eq.**
Carbon footprint of the installation phase [A5]	**0 kg CO2 eq.**
Carbon footprint of the use phase [B2, B3, B4, B6]	**198 kg CO2 eq.**
Carbon footprint of the end-of-life phase [C1 to C4]	**0.4 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**

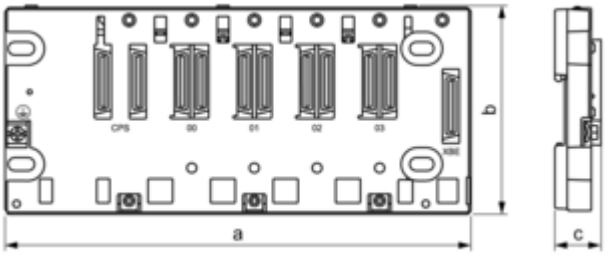
Use Again

Repack and remanufacture

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		
372.8	373.98	105.11 **NOTE:** Overall height is 134.6 with a CPU mounted.	19

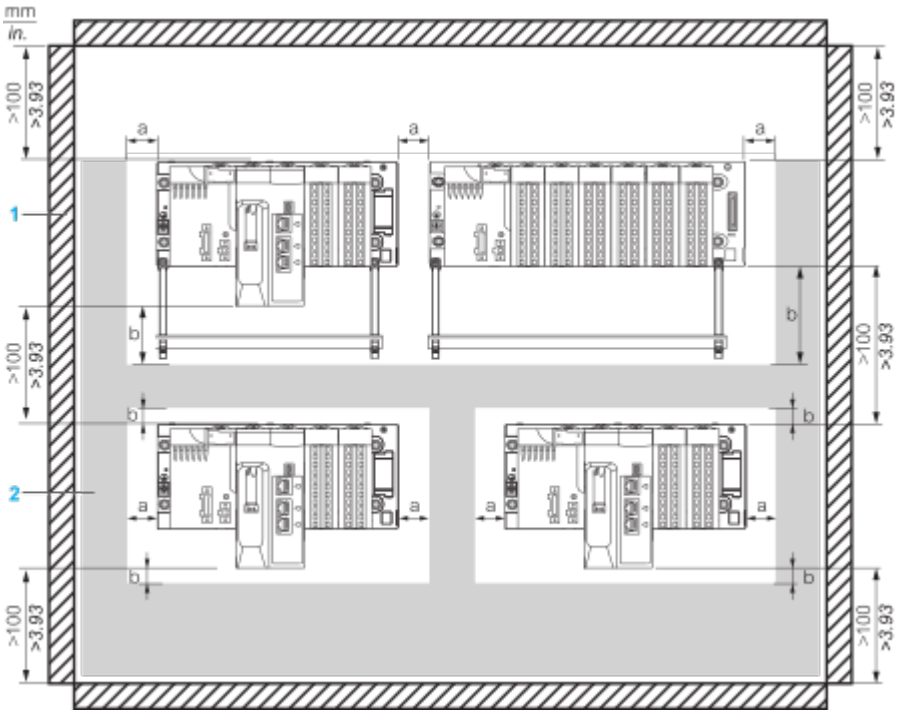
Dimensions in in.

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

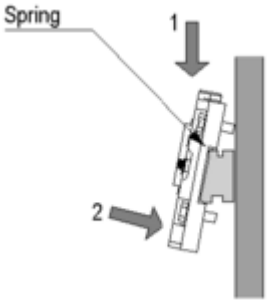
Minimum Clearance

Minimum Clearance of a typical installation in a cabinet with ducts

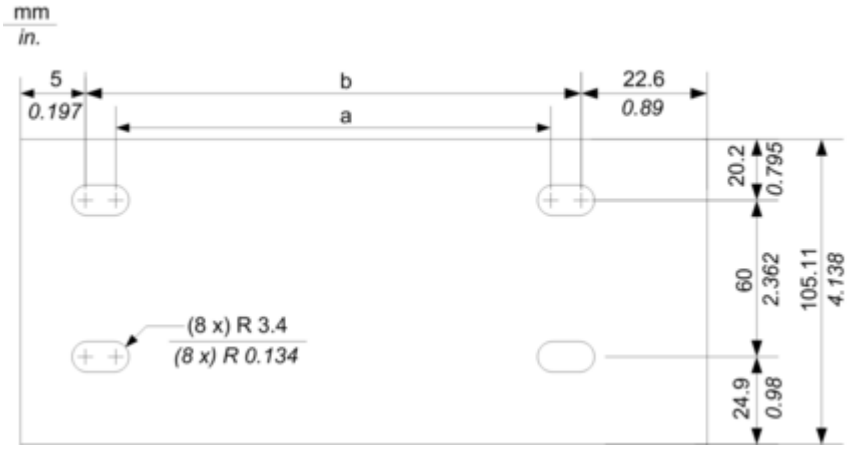


a Side clearance: > 40 mm (1.57 in.)
b Top and bottom clearance with surrounding objects: > 20 mm (0.79 in.)
1 Installation or casing
2 Wiring duct or tray

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.

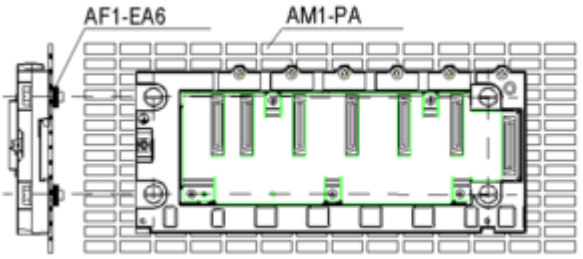
Dimensions in mm

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

Image of product / Alternate images

Alternative







