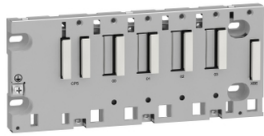


Product datasheet

Specifications



ruggedized rack M340 - 4 slots - panel, plate or DIN rail mounting

Local distributor code:

393393440

BMXXBP0400H

EAN Code: 3595864009353

Main

Range of product	Modicon X80
Product or component type	Ruggedized backplane
Product specific application	For severe environments

Complementary

Number of slots	4 bus X
Product compatibility	BMXP34 processor BMXCPS power supply I/O module Specific application module
Power consumption in W	1.12 W
Electrical connection	1 connector (XBE) expansion module
Fixing mode	By 4 M4/M5/M6 screws, mounting on panel By 4 M4/M5/M6 screws, mounting on mounting plate By clips, mounting on 35 mm symmetrical DIN rail
Height	103.7 mm
Width	242.4 mm
Depth	19 mm
Product weight	0.63 kg

Environment

IP degree of protection	IP20
Ambient air temperature for operation	-25...70 °C
Relative humidity	10...95 % without condensation
Protective treatment	Conformal coating
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 UKCA ATEX zone 2/22 IECEx zone 2/22

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	EN/IEC 61131-2 EN/IEC 61010-2-201 UL 61010-2-201 CSA C22.2 No 61010-2-201 IACS E10 EN/IEC 61000-6-5, interface type 1 and type 2 EN/IEC 61850-3, location G EN/IEC 60079-0
Environmental characteristic	Gas resistant class Gx conforming to ISA S71.04 Gas resistant class 3C4 conforming to IEC 60721-3-3 Dust resistant class 3S4 conforming to IEC 60721-3-3 Sand resistant class 3S4 conforming to IEC 60721-3-3 Salt resistant level 2 conforming to IEC 68252 Mold growth resistant class 3B2 conforming to IEC 60721-3-3 Fungal spore resistant class 3B2 conforming to IEC 60721-3-3 Hazardous location class I division 2

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	7.000 cm
Package 1 Width	15.500 cm
Package 1 Length	32.500 cm
Package 1 Weight	694.000 g
Unit Type of Package 2	S04
Number of Units in Package 2	13
Package 2 Height	30.000 cm
Package 2 Width	40.000 cm
Package 2 Length	60.000 cm
Package 2 Weight	9.850 kg

Logistical informations

Country of origin	FR
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Contractual warranty

Warranty (in months)	18
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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

Total lifecycle Carbon footprint	56 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	8 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]	48 kg CO2 eq.
Carbon footprint of the end-of-life phase [C1 to C4]	0.3 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

Use Longer



Lifetime extension

Repair	No
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Use Again

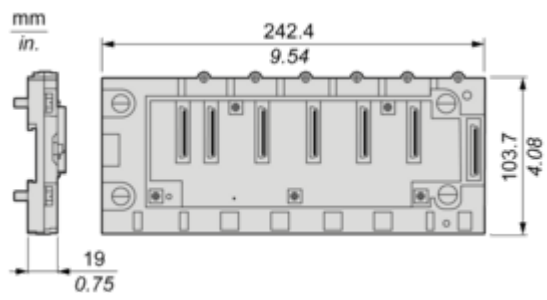


Repack and remanufacture

End of life manual availability	End of Life Information
Take-back	No

Dimensions Drawings

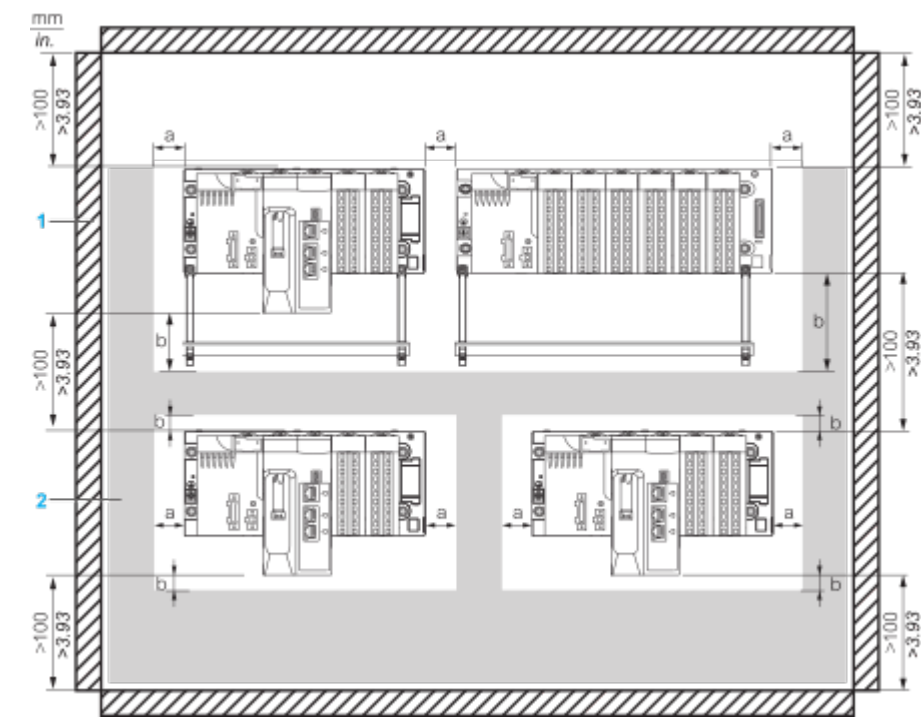
Dimensions



Mounting and Clearance

Minimum Clearance

Minimum Clearance of a typical installation in a cabinet with ducts



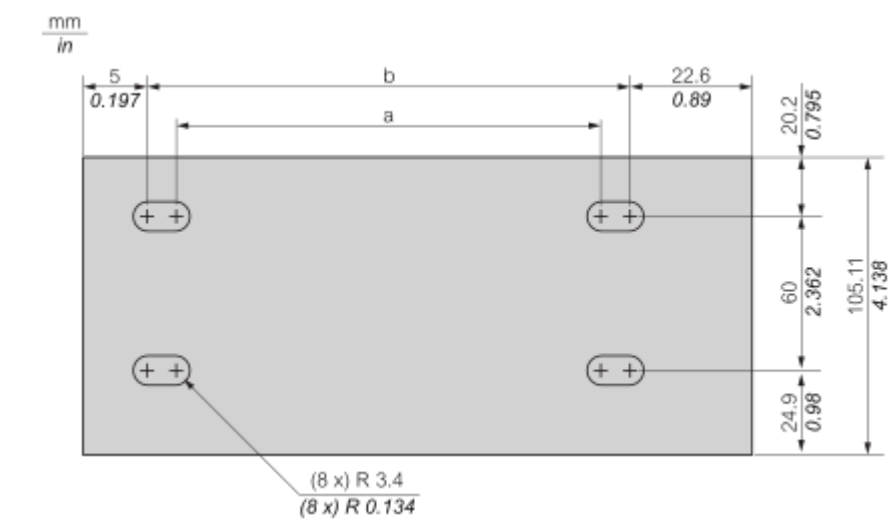
- a Side clearance: $> 40\text{ mm}$ (1.57 in.)
- b Top and bottom clearance with surrounding objects: $> 20\text{ mm}$ (0.79 in.)
- 1 Installation or casing
- 2 Wiring duct or tray

Mounting on DIN rail

Symmetric DIN rail		Double-profile DIN rail
Type A	Type B	
mm in 5.5 0.22 3.5 1.38 15 0.59	mm in 5 0.19 3.5 1.38 7.2 0.28	mm in 7.2 0.28 3.5 1.38 15 0.59

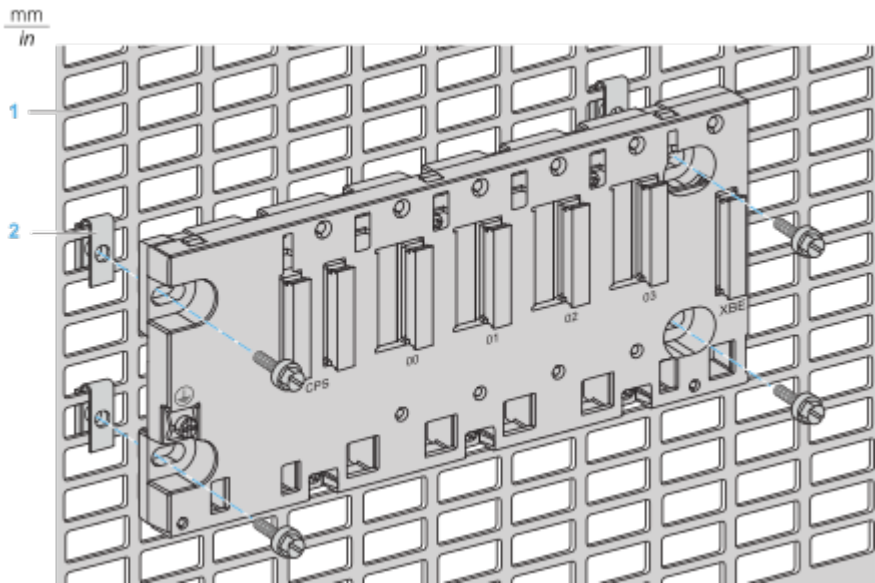
NOTE: When mounted on a type B symmetric DIN rail, the rack withstands less mechanical stress.

Mounting on panels



Rack Type		a	b
X Bus racks	BMXXBP0400 BMXXBP0400H	202.1 mm (7.957 in)	214.8 mm (8.457 in)
	BMXXBP0600 BMXXBP0600H	267.5 mm (10.531 in)	280 mm (11.023 in)
	BMXXBP0800 BMXXBP0800H	332.5 mm (13.091 in)	345.2 mm (13.591 in)
	BMXXBP1200 BMXXBP1200H	462.9 mm (18.224 in)	475.6 mm (18.724 in)

Mounting on Telequick mounting plate



1 Telequick plate

2 Clip-on nuts

NOTE: The two right side screws are accessible until there is no rack extender module installed

Image of product / Alternate images

Alternative

