Product data sheet

Specifications

Backplane, Modicon X80, 8 slots, panel, mounting plate or DIN rail mounting, ruggedized

BMXXBP0800H

Main

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

Complementary

Number of slots	8 bus X
Product compatibility	BMXP34 processor BMXCPS power supply I/O module Specific application module
Power consumption in W	2.21 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	372.8 mm
Depth	19 mm
Net weight	0.95 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 UKCA Merchant Navy ATEX zone 2/22 IECEx zone 2/22

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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	6.500 cm
Package 1 Width	15.000 cm
Package 1 Length	45.500 cm
Package 1 Weight	1.012 kg
Unit Type of Package 2	S04
Number of Units in Package 2	9
Package 2 Height	30.000 cm
Package 2 Width	40.000 cm
Package 2 Length	60.000 cm
Package 2 Weight	9.806 kg

Contractual warranty

Warranty	18 months

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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	**107**
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

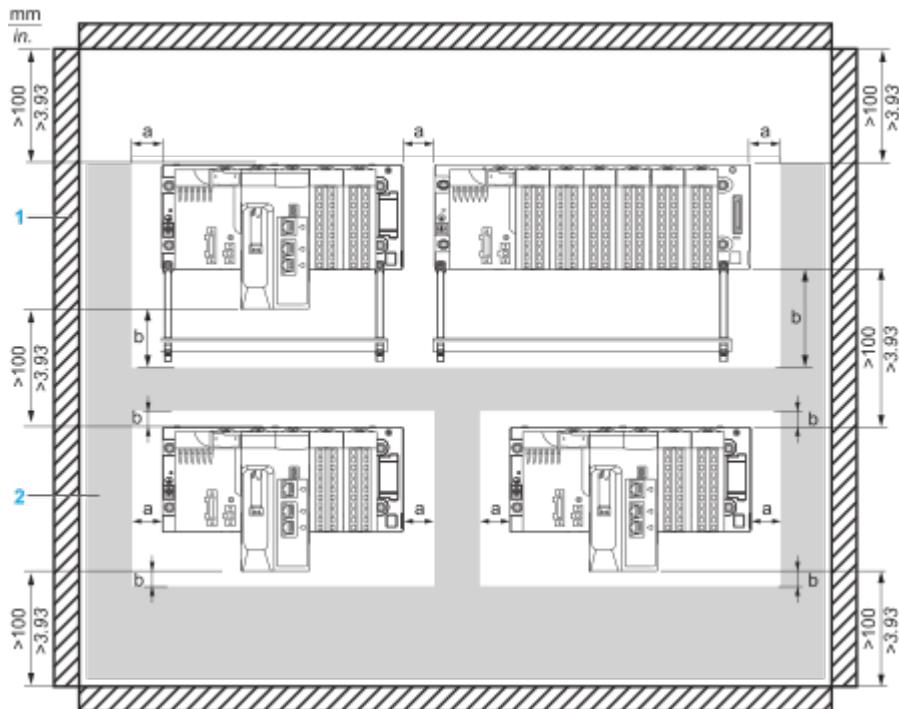|	
End of life manual availability	**End of Life Information**
Take-back	**No**

BMXXBP0800H

Dimensions Drawings

Dimensions
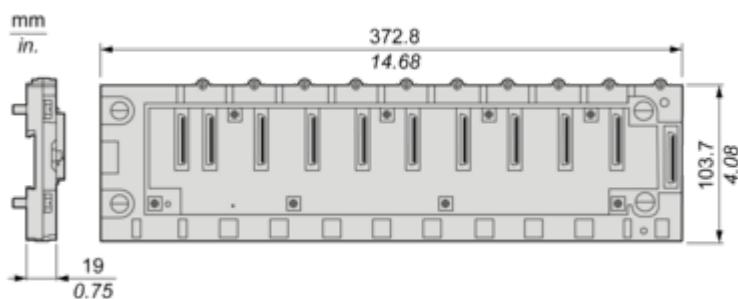
Mounting and Clearance

Minimum Clearance

Minimum Clearance of a typical installation in a cabinet with ducts
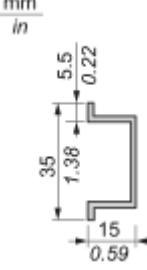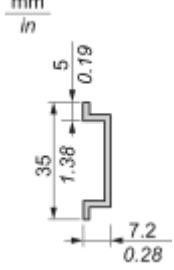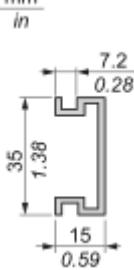

a Side clearance: > 40 mm (1.57 in.)
b Top and bottom clearance with surrounding objects: > 20 mm (0.79 in.)
1 Installation or casing
**2** Wiring duct or tray

Mounting on DIN rail

Symmetric DIN rail		Double-profile DIN rail
Type A	**Type B**	
$\frac{mm}{in}$ 5.5 / 0.22, 35 / 1.38, 15 / 0.59	$\frac{mm}{in}$ 5 / 0.19, 35 / 1.38, 7.2 / 0.28	$\frac{mm}{in}$ 7.2 / 0.28, 35 / 1.38, 15 / 0.59

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

Mounting on DIN rail

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Mounting on panels

$\frac{mm}{in}$

(8 x) R 3.4
(8 x) R 0.134
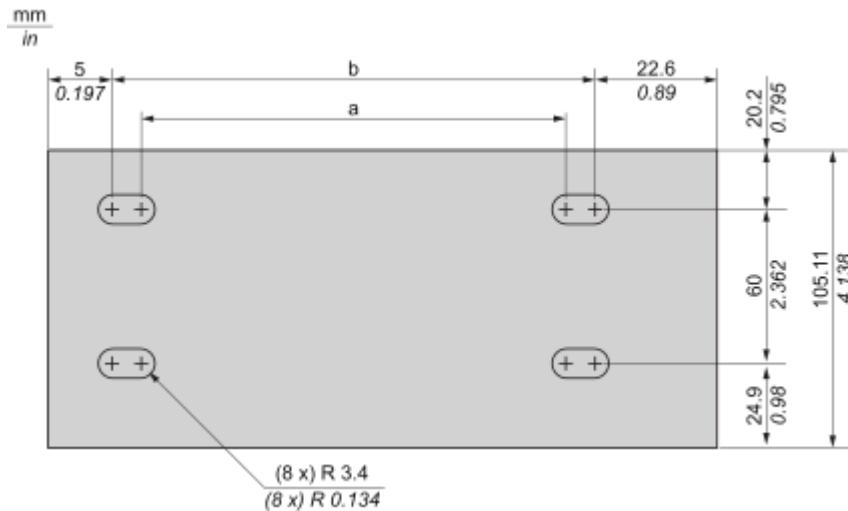
Rack Type	a	b	
X Bus racks	BMXXBP0400 BMXXBP0400H	202.1 mm (7.957 in)	214.8 mm (8.457 in)
	BMXXBP0600 BMXXBP0600H	267.5 mm (10.531 in)	280 mm (11.023 in)
	BMXXBP0800 BMXXBP0800H	332.5 mm (13.091 in)	345.2 mm (13.591 in)
	BMXXBP1200 BMXXBP1200H	462.9 mm (18.224 in)	475.6 mm (18.724 in)

Mounting on Telequick mounting plate
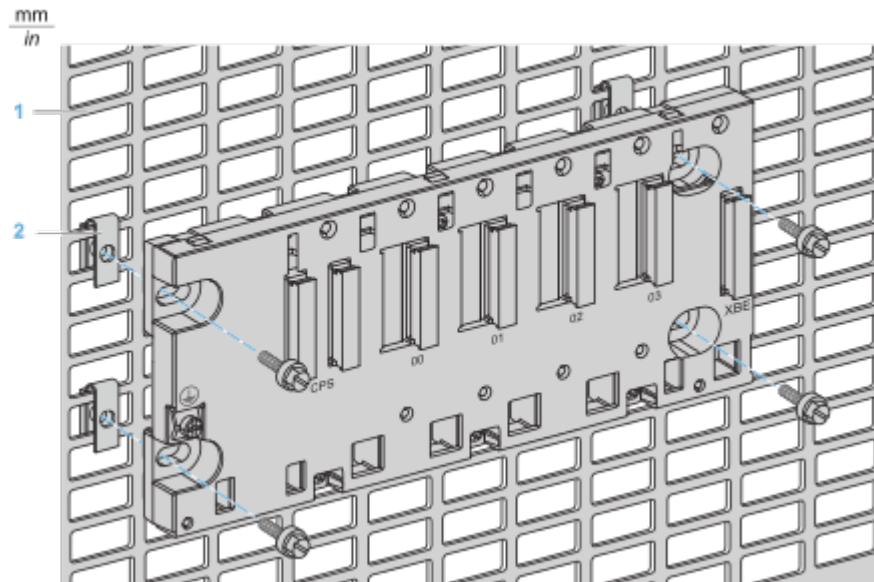
1 Telequick plate
2 Clip-on nuts

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

Image of product / Alternate images

Alternative