Product datasheet

Specifications





Backplane, Modicon X80, 4 slots, panel, mounitng plate or DIN rail mounting, ruggedized

BMXXBP0400H

Main

Range Of Product	Modicon X80
Product Or Component Type	Ruggedized backplane
Product Specific Application	For severe environments

Complementary

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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	
Net Weight	0.63 kg	

Environment

Ip Degree Of Protection	IP20	
Ambient Air Temperature For Operation	-2570 °C	
Relative Humidity	1095 % 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	

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	693.000 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

Contractual warranty

Warranty

18 months

Sustainability Screen Premium

Green PremiumTM label is Schneider Electric's commitment to delivering products with best-inclass environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO₂ products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

Yes

Learn more about Green Premium >

Guide to assess a product's sustainability >



Transparency RoHS/REACh

Well-being performance

Mercury Free

Rohs Exemption Information

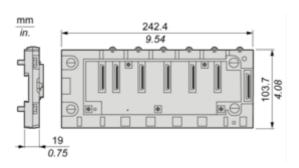
Certifications & Standards

Reach Regulation	REACh Declaration	
Eu Rohs Directive	Pro-active compliance (Product out of EU RoHS legal scope)	
China Rohs Regulation	China RoHS declaration	
Environmental Disclosure	Product Environmental Profile	
Weee	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins	
Circularity Profile	End of Life Information	

Product datasheet

Dimensions Drawings

Dimensions

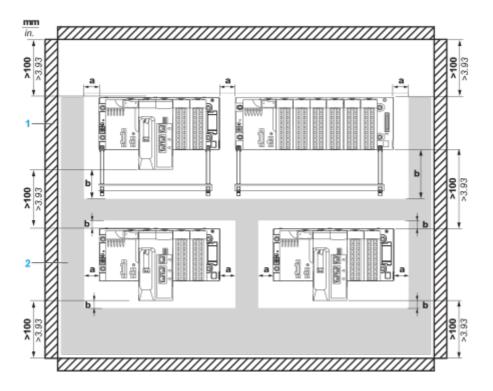


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Mounting and Clearance

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

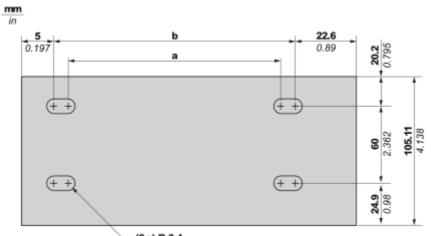
2 Wiring duct or tray

Mounting on DIN rail

Symmetric DIN rail			
Туре А	Туре В	Double-profile DIN rail	
mm in 55 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	mm in 5 5 10 8 5 10 8 5 10 7 7.2 0.28	mm in 7.2 0.28 98 5 15 0.59	

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

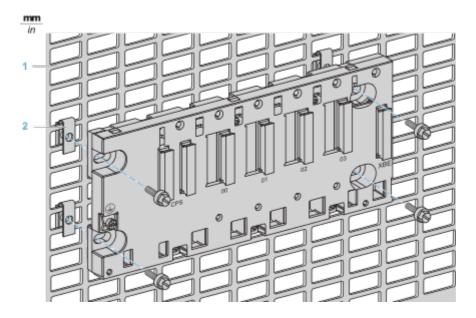
Mounting on panels



(8 x) R 3.4 (8 x) R 0.134

Rack Type	а	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