



# ruggedized rack X80 - 10 slots - Redundant PS - Ethernet backplane

BMEXBP1002H

### Main

Range Of Product	Modicon X80	
Accessory / Separate Part Type	Ruggedized rack	
Product Specific Application	For severe environments	

## **Complementary**

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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, mounting on plate By 4 screws - diameter: 4.326.35 mm, mounting on panel	
Current Consumption	162 mA at 24 V DC 76 mA at 3.3 V DC	
Mtbf Reliability	1184170 H	
Net Weight	1.37 kg	

#### **Environment**

Ip Degree Of Protection	IP20	
Ambient Air Temperature For Operation	-2570 °C	
Relative Humidity	595 % 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	

ATEX zone 2/22 IECEx zone 2/22

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	Cas resistant class Gx conforming to ISA S71.04 Cas resistant class 3C4 conforming to IEC 60721-3-3 Countries and resistant class 3S4 conforming to IEC 60721-3-3 Cand resistant class 3S4 conforming to IEC 60721-3-3 Cand resistant level 2 conforming to IEC 68252 Countries and resistant class 3B2 conforming to IEC 60721-3-3	
Protective Treatment	Conformal coating	

# **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	58.500 cm
Package 1 Weight	1.369 kg
Unit Type Of Package 2	S04
Number Of Units In Package 2	8
Package 2 Height	30.000 cm
Package 2 Width	40.000 cm
Package 2 Length	60.000 cm
Package 2 Weight	11.520 kg



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Transparency RoHS/REACh

### Well-being performance



Mercury Free



Rohs Exemption Information

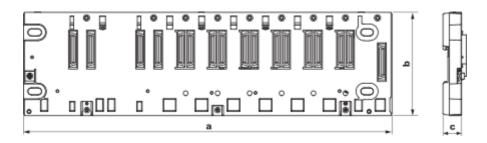
Yes

#### **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	

**Dimensions Drawings** 

#### **Dimensions**



#### Dimensions in mm

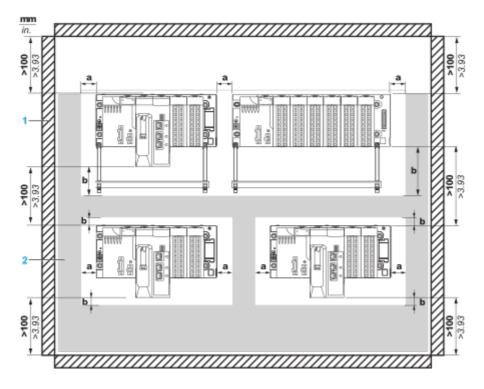
а			
Empty Rack	Rack With Extender Module Mounted	b	С
506.20	507.38	NOTE: Overall height is 134.6 with a CPU mounted.	19

#### Dimensions in in.

а			
Empty Rack	Rack With Extender Module Mounted	b	С
19.93		NOTE: Overall height is 5.30 with a CPU mounted.	0.75

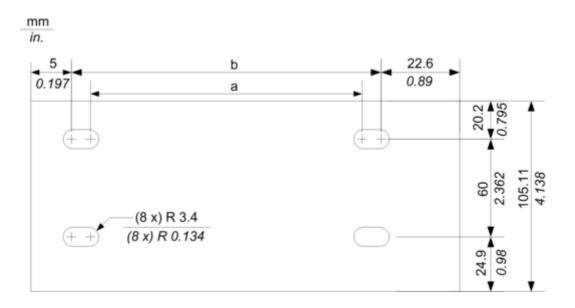
#### **Minimum Clearance**

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**



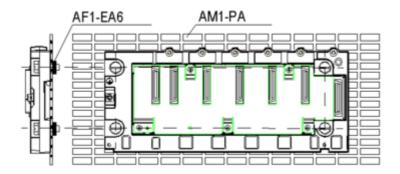
**NOTE:** You can use M4, M5, M6, or UNC #6 screws in the fastening holes.

а	b
462.90	475.60

#### Dimensions in in

Difficition	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
а	b
18.22	18.72

#### Mounting on Telequick Grid AM1-PA and AM3-PA Mounting Grids



Fasten the rack with four M4, M5, M6 or UNC #6 screws