

Product data sheet

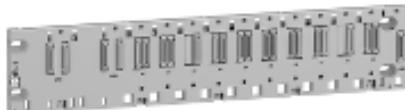
Characteristics

BMEXBP1002H

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



Product availability: Non-Stock - Not 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 2 bus X
Product Compatibility	Specific application module BMX processor BMXCP4002 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 plate By 4 screws 0.17...0.25 in (4.32...6.35 mm) panel
Current consumption	162 mA 24 V DC 76 mA 3.3 V DC
MTBF reliability	1770000 H
Net Weight	3.02 Lb(US) (1.37 kg)

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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
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 EN/IEC 61850-3 EN/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	18160 - MODICON M340
Discount Schedule	PC34
GTIN	3606480911774
Nbr. of units in pkg.	1
Package weight(Lbs)	3.01 Lb(US) (1.366 kg)
Returnability	No
Country of origin	FR

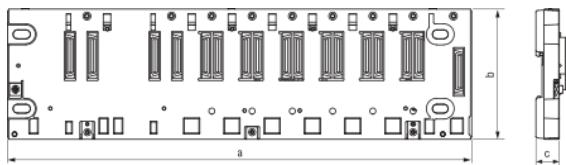
Packing Units

Unit Type of Package 1	PCE
Package 1 Height	2.56 In (6.5 cm)
Package 1 width	5.91 In (15 cm)
Package 1 Length	23.03 In (58.5 cm)
Unit Type of Package 2	S04
Number of Units in Package 2	8
Package 2 Weight	25.57 Lb(US) (11.6 kg)
Package 2 Height	11.81 In (30 cm)
Package 2 width	15.75 In (40 cm)
Package 2 Length	23.62 In (60 cm)

Offer Sustainability

Sustainable offer status	Green Premium product
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
REACH Regulation	 REACH Declaration
REACH free of SVHC	Yes
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)  EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	 Yes
China RoHS Regulation	 China RoHS Declaration
Environmental Disclosure	 Product Environmental Profile
Circularity Profile	 End Of Life Information
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.

Dimensions



Dimensions in mm

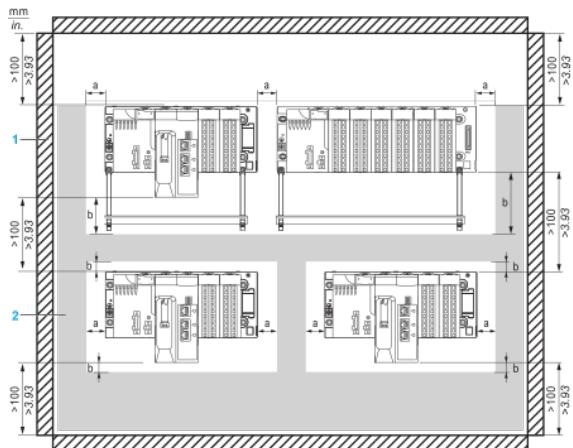
a	b	c
Empty Rack	Rack With Extender Module Mounted	
506.20	507.38	105.11 NOTE: Overall height is 134.6 with a CPU mounted.

Dimensions in in.

a	b	c
Empty Rack	Rack With Extender Module Mounted	
19.93	19.97	4.14 NOTE: Overall height is 5.30 with a CPU mounted.

Minimum Clearance

Minimum Clearance of a typical installation in a cabinet with ducts



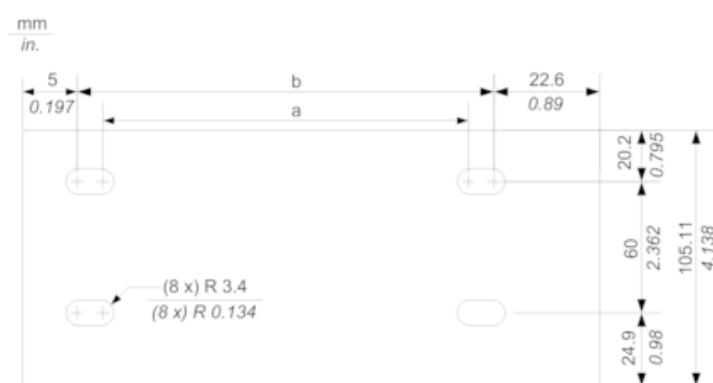
a Side clearance: > 40 mm (1.57 in.)

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.

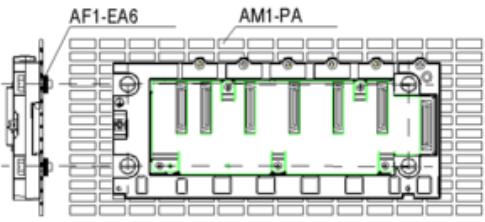
Dimensions in mm

a	b
462.90	475.60

Dimensions in in.

a	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

Product Life Status :	Commercialised
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