Product data sheet
Characteristics

BMEXBP1002
rack X80 - 10 slots - Redundant PS - Ethernet backplane

Green Premium™

Main

Range of product	Modicon X80
Accessory / separate part type	Rack

Complementary

Number of slots	8 bus X + Ethernet 2 bus X
Product compatibility	Specific application module I/O module BMXCPS4002 BMX processor BME processor
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: 4.32…6.35 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

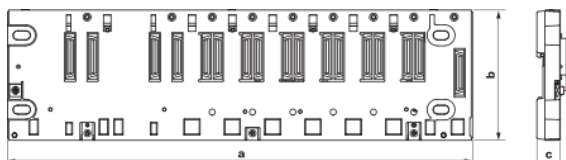|	
IP degree of protection	IP20
Ambient air temperature for operation	0…60 °C
Relative humidity	5…95 % without condensation
Directives	2014/35/EU - low voltage directive 2014/30/EU - electromagnetic compatibility

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	6.900 cm
Package 1 Width	15.800 cm
Package 1 Length	56.900 cm
Package 1 Weight	1.355 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 | 11.480 kg |

Offer Sustainability

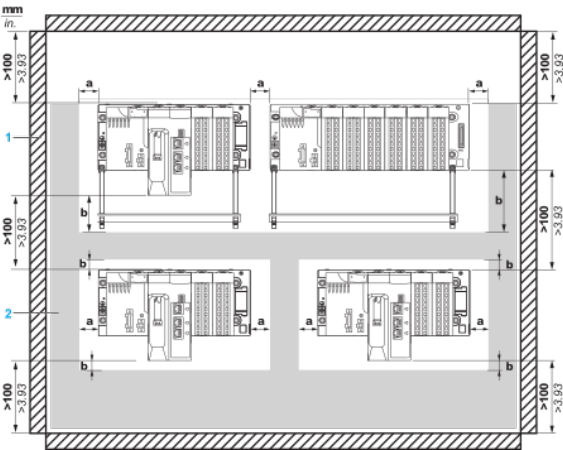|	
Sustainable offer status	Green Premium product
REACh Regulation	REACh Declaration
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)
Mercury free	Yes
China RoHS Regulation	China RoHS Declaration
RoHS exemption information	Yes
Environmental Disclosure	Product Environmental 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

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China RoHS Declaration

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.	19

Dimensions in in.

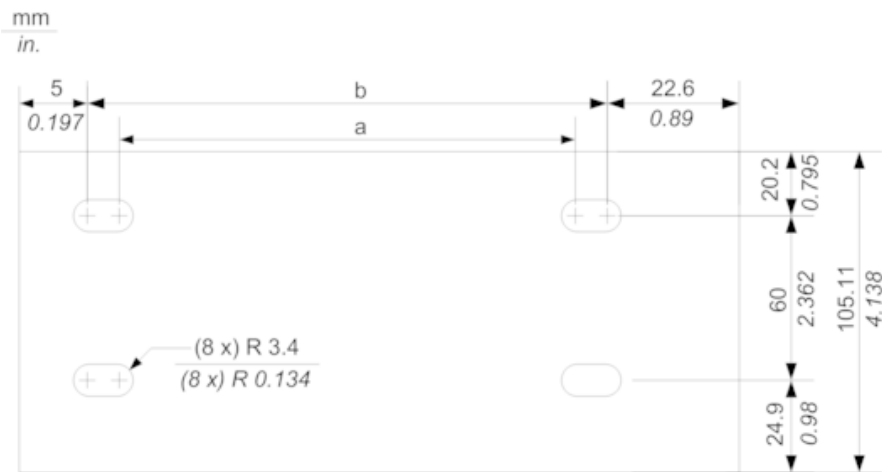| a		b	c
Empty Rack	Rack With Extender Module Mounted		
19.93	19.97	4.14 NOTE: Overall height is 5.30 with a CPU mounted.	0.75

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

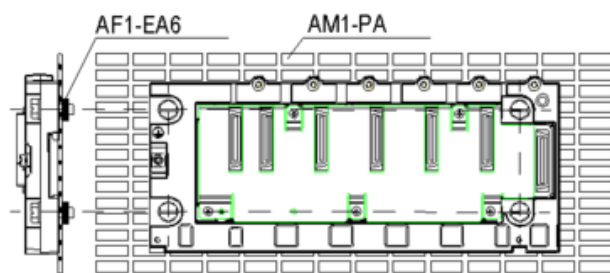NOTE: You can use M4, M5, M6, or UNC #6 screws in the fastening holes.

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

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