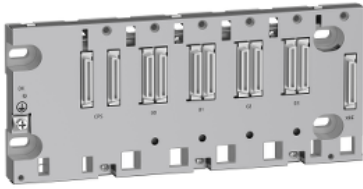


Product data sheet

Specifications



rack, Modicon X80, 4 slots, Ethernet backplane, ruggedized



BMEXBP0400H

Main

| | |
|--------------------------------|-------------------------|
| Range of product | Modicon X80 |
| Accessory / separate part type | Ruggedized rack |
| Product specific application | For severe environments |

Complementary

| | |
|------------------------|--|
| Number of slots | 4 bus X + Ethernet |
| Product compatibility | BMXCPS power supply I/O module Specific application module BMX processor BME processor |
| Power consumption in W | 162 mW 3.3 V DC 2.8 W 24 V DC |
| Electrical connection | 1 connector (XBE) expansion module |
| Fixing mode | By 4 screws - diameter: 4.32...6.35 mm, mounting on panel By 4 M6 screws, mounting on plate By clips, mounting on 35 mm symmetrical DIN rail |
| Current consumption | 49 mA at 3.3 V DC 118 mA at 24 V DC |
| MTBF reliability | 2000000 H |
| Net weight | 0.705 kg |

Environment

| | |
|---------------------------------------|---|
| IP degree of protection | IP20 |
| Ambient air temperature for operation | -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 |

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

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 |
|-------------------------------------|--|

| | |
|-----------------------------|-------------------|
| Protective treatment | Conformal coating |
|-----------------------------|-------------------|

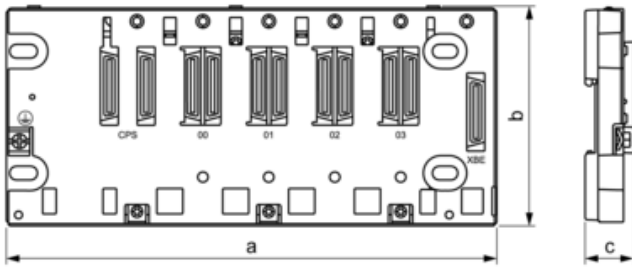
Packing Units

| | |
|-------------------------------------|-----------|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Height | 6.5 cm |
| Package 1 Width | 15.5 cm |
| Package 1 Length | 32.0 cm |
| Package 1 Weight | 727.0 g |
| Unit Type of Package 2 | S04 |
| Number of Units in Package 2 | 13 |
| Package 2 Height | 30.0 cm |
| Package 2 Width | 40.0 cm |
| Package 2 Length | 60.0 cm |
| Package 2 Weight | 10.151 kg |

Offer Sustainability

| | |
|-----------------------------------|---|
| Sustainable offer status | Green Premium product |
| 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 |
| 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 |
| 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 |

Dimensions



Dimensions in mm

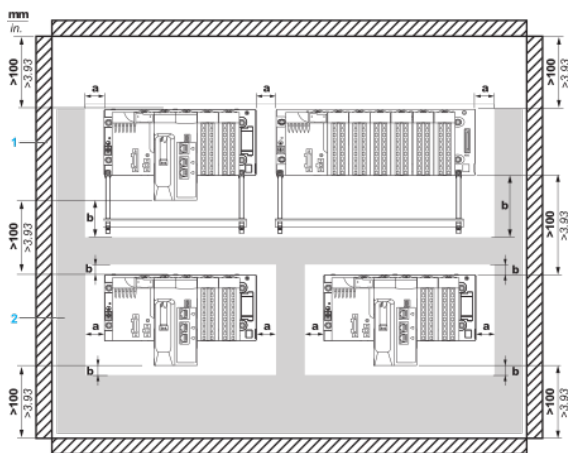
| a | | b | c |
|------------|-----------------------------------|--|----|
| Empty Rack | Rack With Extender Module Mounted | | |
| 242.4 | 243.58 | 105.11 NOTE: Overall height is 134.6 with a CPU mounted. | 19 |

Dimensions in in.

| a | | b | c |
|------------|-----------------------------------|---|------|
| Empty Rack | Rack With Extender Module Mounted | | |
| 9.54 | 9.59 | 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



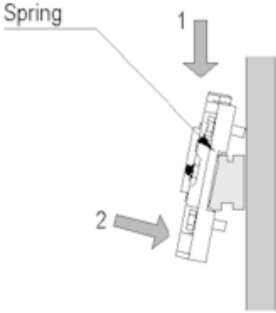
a Side clearance: > 40 mm (1.57 in.)

b Top and bottom clearance with surrounding objects: > 20 mm (0.79 in.)

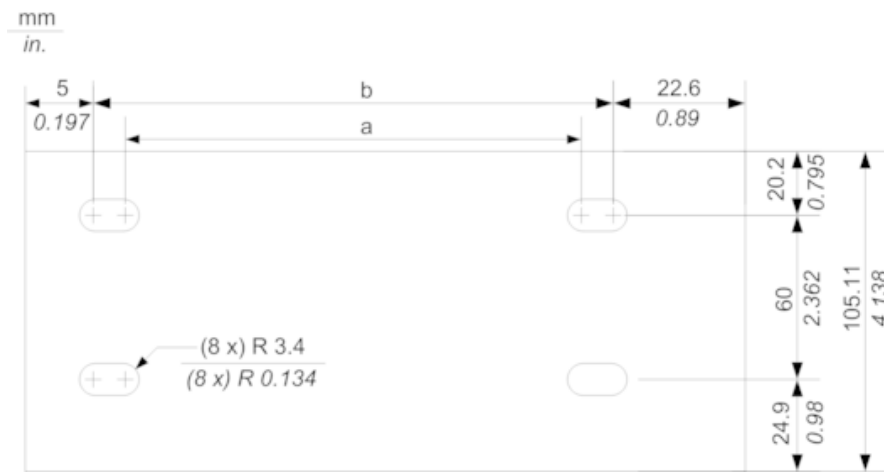
1 Installation or casing

2 Wiring duct or tray

Mounting a Rack on a DIN rail



Mounting and Fastening the Rack on Panels



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

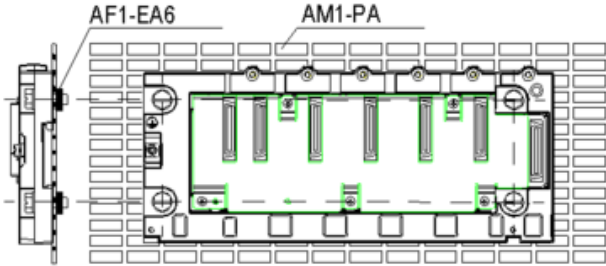
Dimensions in mm

| a | b |
|-------|-------|
| 202.1 | 214.8 |

Dimensions in in.

| a | b |
|------|------|
| 7.96 | 8.46 |

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



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

Recommended replacement(s)