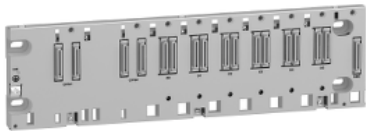


# Product data sheet

Specifications



## rack X80 - 6 slots - Redundant PS - Ethernet backplane



BMEXBP0602

### Main

|                                |             |
|--------------------------------|-------------|
| Range of product               | Modicon X80 |
| Accessory / separate part type | Rack        |

### Complementary

|                        |                                                                                                                                                    |
|------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|
| Number of slots        | 6 bus X + Ethernet                                                                                                                                 |
| Product compatibility  | Specific application module<br>BMX processor<br>I/O module<br>BME processor<br>BMXCPS4002                                                          |
| Power consumption in W | 191 mW 3.3 V DC<br>3.6 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<br>By 4 M6 screws, mounting on plate<br>By clips, mounting on 35 mm symmetrical DIN rail |
| Current consumption    | 152 mA at 24 V DC<br>58 mA at 3.3 V DC                                                                                                             |
| MTBF reliability       | 201000 H                                                                                                                                           |
| Net weight             | 1.02 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<br>2014/30/EU - electromagnetic compatibility |

### Packing Units

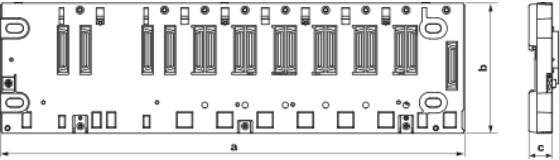
|                              |           |
|------------------------------|-----------|
| Unit Type of Package 1       | Db        |
| Number of Units in Package 1 | 1         |
| Package 1 Height             | 6.700 cm  |
| Package 1 Width              | 15.200 cm |
| Package 1 Length             | 45.600 cm |

|                              |           |
|------------------------------|-----------|
| Package 1 Weight             | 1.009 kg  |
| Unit Type of Package 2       | S04       |
| Number of Units in Package 2 | 9         |
| Package 2 Height             | 30.000 cm |
| Package 2 Width              | 40.000 cm |
| Package 2 Length             | 60.000 cm |
| Package 2 Weight             | 9.889 kg  |

Offer Sustainability

|                            |                                                                                                                                                                                                                                                                                             |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Sustainable offer status   | Green Premium product                                                                                                                                                                                                                                                                       |
| REACH Regulation           | <a href="#">REACH Declaration</a>                                                                                                                                                                                                                                                           |
| REACH free of SVHC         | Yes                                                                                                                                                                                                                                                                                         |
| EU RoHS Directive          | Pro-active compliance (Product out of EU RoHS legal scope)<br><a href="#">EU RoHS Declaration</a>                                                                                                                                                                                           |
| Mercury free               | Yes                                                                                                                                                                                                                                                                                         |
| China RoHS Regulation      | <a href="#">China RoHS declaration</a>                                                                                                                                                                                                                                                      |
| RoHS exemption information | <a href="#">Yes</a>                                                                                                                                                                                                                                                                         |
| Environmental Disclosure   | <a href="#">Product Environmental Profile</a>                                                                                                                                                                                                                                               |
| Circularity Profile        | <a href="#">End of Life Information</a>                                                                                                                                                                                                                                                     |
| 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 <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a> |

Dimensions



Dimensions in mm

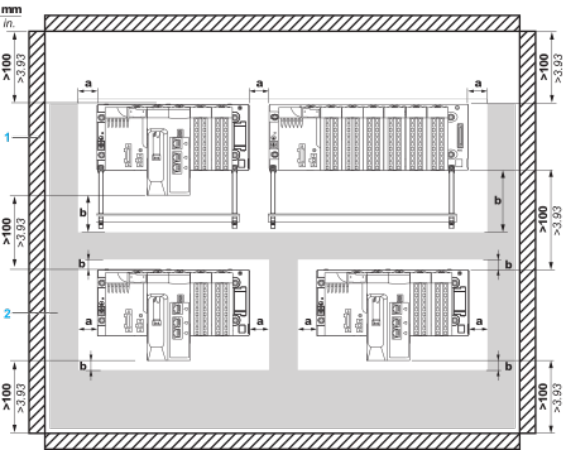
| a          |                                   | b                                                                  | c  |
|------------|-----------------------------------|--------------------------------------------------------------------|----|
| Empty Rack | Rack With Extender Module Mounted |                                                                    |    |
| 375.80     | 376.98                            | 105.11<br><b>NOTE:</b> Overall height is 134.6 with a CPU mounted. | 19 |

Dimensions in in.

| a          |                                   | b                                                               | c    |
|------------|-----------------------------------|-----------------------------------------------------------------|------|
| Empty Rack | Rack With Extender Module Mounted |                                                                 |      |
| 14.80      | 14.84                             | 4.14<br><b>NOTE:</b> Overall height is 5.30 with a CPU mounted. | 0.75 |

Minimum Clearance

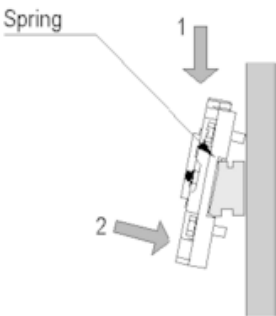
Minimum Clearance of a typical installation in a cabinet with ducts



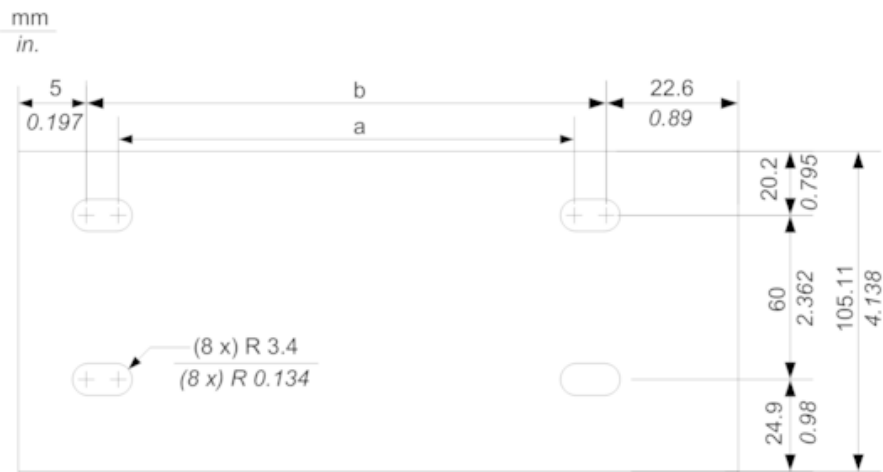
- a Side clearance: > 40 mm (1.57 in.)
- b Top and bottom clearance with surrounding objects: > 20 mm (0.79 in.)
- 1 Installation or casing
- 2 Wiring duct or tray

Mounting a Rack on a DIN rail

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Mounting and Fastening the Rack on Panels



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

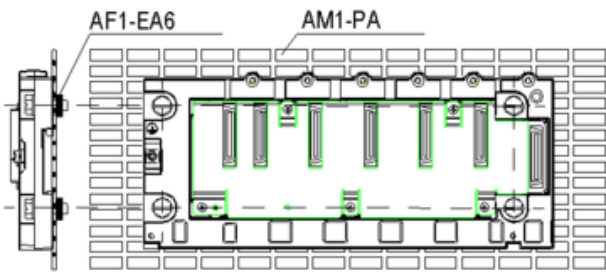
Dimensions in mm

| a     | b     |
|-------|-------|
| 332.5 | 345.2 |

Dimensions in in.

| a     | b     |
|-------|-------|
| 13.09 | 13.59 |

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)