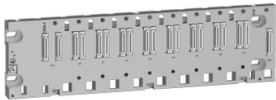


# Product data sheet

Specifications



## rack, Modicon X80, 8 slots, Ethernet backplane



BMEXBP0800

**Product availability:** Stock - Normally stocked in distribution facility

### Main

|                                |             |
|--------------------------------|-------------|
| Range of Product               | Modicon X80 |
| accessory / separate part type | Rack        |

### Complementary

|                        |                                                                                                                  |
|------------------------|------------------------------------------------------------------------------------------------------------------|
| Number of slots        | 8 bus X + Ethernet                                                                                               |
| Product Compatibility  | I/O module<br>BMX processor<br>Specific application module<br>BMXCPS power supply<br>BME processor               |
| Power consumption in W | 211 mW 3.3 V DC<br>3.9 W 24 V DC                                                                                 |
| Electrical connection  | 1 connector (XBE) expansion module                                                                               |
| Fixing mode            | By 4 screws 0.17...0.25 in (4.32...6.35 mm) panel<br>By 4 M6 screws plate<br>By clips 35 mm symmetrical DIN rail |
| Current consumption    | 64 mA 3.3 V DC<br>164 mA 24 V DC                                                                                 |
| MTBF reliability       | 1297516 H                                                                                                        |
| Net Weight             | 2.34 lb(US) (1.06 kg)                                                                                            |

### Environment

|                                       |                                                                                  |
|---------------------------------------|----------------------------------------------------------------------------------|
| IP Degree of Protection               | IP20                                                                             |
| Ambient Air Temperature for Operation | 32.0000000000...140.0000000000 °F (0...60 °C)                                    |
| Relative Humidity                     | 5...95 % without condensation                                                    |
| Directives                            | 2014/35/EU - low voltage directive<br>2014/30/EU - electromagnetic compatibility |

### Ordering and shipping details

|                   |               |
|-------------------|---------------|
| Category          | US1PC3418160  |
| Discount Schedule | PC34          |
| GTIN              | 3595864174068 |
| Returnability     | Yes           |
| Country of origin | FR            |

### Packing Units

|                        |     |
|------------------------|-----|
| Unit Type of Package 1 | PCE |
|------------------------|-----|

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

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

|                              |                            |
|------------------------------|----------------------------|
| Number of Units in Package 1 | 1                          |
| Package 1 Height             | 2.677 in (6.800 cm)        |
| Package 1 Width              | 6.102 in (15.500 cm)       |
| Package 1 Length             | 18.110 in (46.000 cm)      |
| Package 1 Weight             | 2.275 lb(US) (1.032 kg)    |
| Unit Type of Package 2       | S04                        |
| Number of Units in Package 2 | 9                          |
| Package 2 Height             | 11.811 in (30.000 cm)      |
| Package 2 Width              | 15.748 in (40.000 cm)      |
| Package 2 Length             | 23.622 in (60.000 cm)      |
| Package 2 Weight             | 22.487 lb(US) (10.200 kg)  |
| Unit Type of Package 3       | P06                        |
| Number of Units in Package 3 | 36                         |
| Package 3 Height             | 29.528 in (75.000 cm)      |
| Package 3 Width              | 23.622 in (60.000 cm)      |
| Package 3 Length             | 31.496 in (80.000 cm)      |
| Package 3 Weight             | 116.845 lb(US) (53.000 kg) |

Sustainability



**Green Premium™** label is Schneider Electric’s commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO<sub>2</sub> products.

**Guide to assessing product sustainability** is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

[Learn more about Green Premium >](#)

[Guide to assess a product’s sustainability >](#)



Transparency   RoHS/REACH

Well-being performance

 Mercury Free

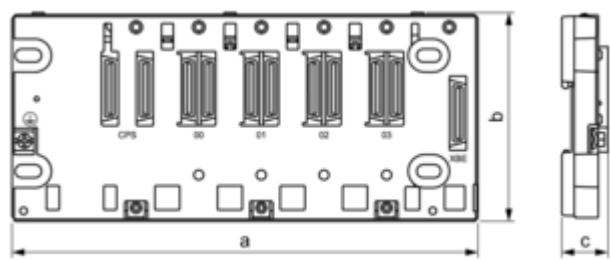
 RoHS Exemption Information   [Yes](#)

Certifications & Standards

|                           |                                                                                                                                                                                                                                                                 |
|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reach Regulation          | <a href="#">REACH Declaration</a>                                                                                                                                                                                                                               |
| Eu Rohs Directive         | Pro-active compliance (Product out of EU RoHS legal scope)                                                                                                                                                                                                      |
| China Rohs Regulation     | <a href="#">China RoHS declaration</a>                                                                                                                                                                                                                          |
| Environmental Disclosure  | <a href="#">Product Environmental Profile</a>                                                                                                                                                                                                                   |
| Weee                      | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.                                                                                                                                    |
| Circularity Profile       | <a href="#">End of Life Information</a>                                                                                                                                                                                                                         |
| 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="#">www.P65Warnings.ca.gov</a> |

Dimensions Drawings

Dimensions



Dimensions in mm

| a          |                                   | b                                                                  | c  |
|------------|-----------------------------------|--------------------------------------------------------------------|----|
| Empty Rack | Rack With Extender Module Mounted |                                                                    |    |
| 372.8      | 373.98                            | 105.11<br><b>NOTE:</b> Overall height is 134.6 with a CPU mounted. | 19 |

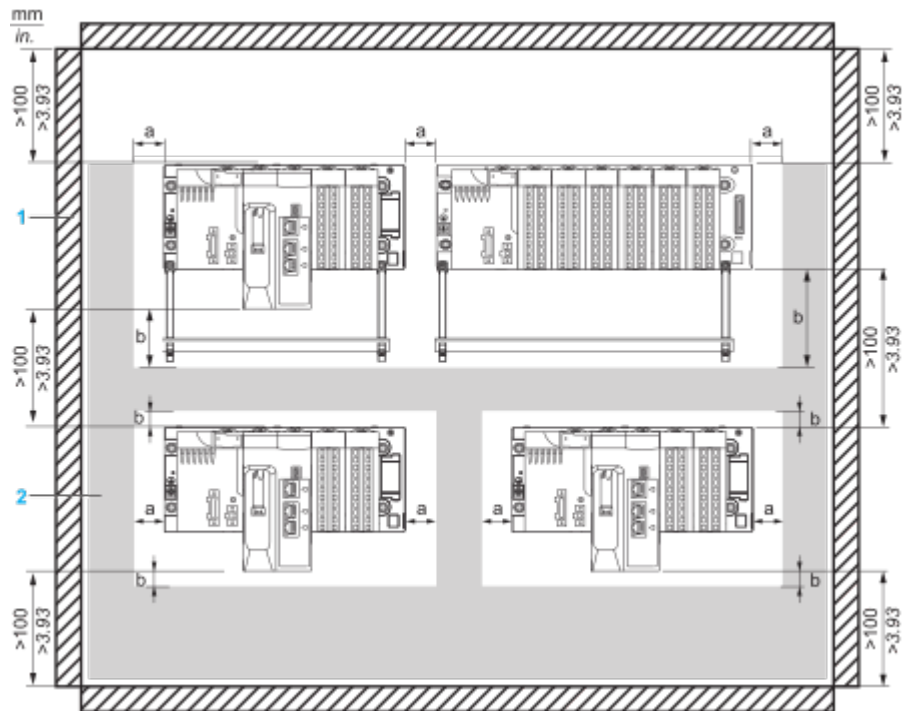
Dimensions in in.

| a          |                                   | b                                                               | c    |
|------------|-----------------------------------|-----------------------------------------------------------------|------|
| Empty Rack | Rack With Extender Module Mounted |                                                                 |      |
| 14.68      | 14.72                             | 4.14<br><b>NOTE:</b> Overall height is 5.30 with a CPU mounted. | 0.75 |

Mounting and Clearance

Minimum Clearance

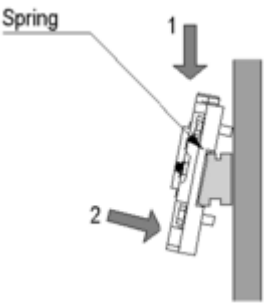
Minimum Clearance of a typical installation in a cabinet with ducts



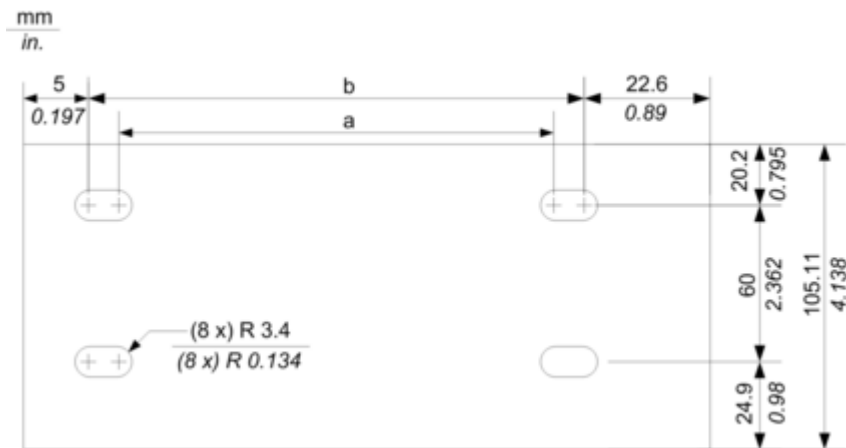
- a Side clearance: > 40 mm (1.57 in.)
- b Top and bottom clearance with surrounding objects: > 20 mm (0.79 in.)
- 1 Installation or casing
- 2 Wiring duct or tray

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.

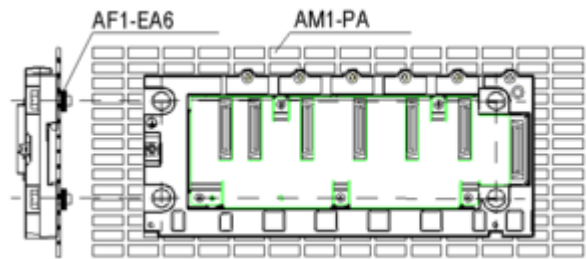
Dimensions in mm

| a     | b     |
|-------|-------|
| 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