# Product data sheet

Specifications



## backplane expander, Modicon M340, for multiracks configuration

BMXXBE1000

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

## Main

| | |
|---|---|
| **Range of Product** | Modicon M340 automation platform |
| **Accessory / separate part category** | Extension accessory |
| **Accessory / Separate Part Type** | Backplane |
| **Accessory / separate part designation** | Backplane expander |
| **Product Compatibility** | BMXXBP0600<br>BMXXBP0400<br>BMXXBP0800<br>BMXXBP1200 |
| **Accessory / separate part destination** | For multiracks configuration |

## Complementary

| | |
|---|---|
| **Electrical connection** | 2 female connectors SUB-D 9 |
| **Local signalling** | 1 LED green operating status (RUN) bus<br>1 LED red collision error (COL) rack<br>4 LEDs green rack adresses status |
| **Current consumption** | 160 mA 24 V DC<br>22 mA 3.3 V DC |
| **Module format** | Standard |

## Environment

| | |
|---|---|
| **IP Degree of Protection** | IP20 |
| **Ambient Air Temperature for Operation** | 32…140 °F (0…60 °C) |
| **Relative Humidity** | 10…95 % without condensation |
| **Directives** | 2014/35/EU - low voltage directive<br>2014/30/EU - electromagnetic compatibility |
| **Product certifications** | CE<br>UL<br>CSA<br>RCM<br>EAC<br>Merchant Navy |
| **Standards** | IEC 61131-2<br>IEC 61010-2-201<br>UL 61010-2-201<br>CSA C22.2 No 61010-2-201<br>IACS E10<br>EN/IEC 61000-6-5, interface type 1 and type 2<br>EN/IEC 61850-3, location G |
| **Environmental characteristic** | Hazardous location class I division 2 |
| **Protective treatment** | TC |

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

## Ordering and shipping details

| | |
|---|---|
| **Category** | US1PC3418160 |
| **Discount Schedule** | PC34 |
| **GTIN** | 3595863992175 |
| **Returnability** | Yes |
| **Country of origin** | FR |

## Packing Units

| | |
|---|---|
| **Unit Type of Package 1** | PCE |
| **Nbr. of units in pkg.** | 1 |
| **Package 1 Height** | 2.165 in (5.500 cm) |
| **Package 1 Width** | 4.331 in (11.000 cm) |
| **Package 1 Length** | 4.528 in (11.500 cm) |
| **Package weight(Lbs)** | 6.102 oz (173.000 g) |
| **Unit Type of Package 2** | S02 |
| **Number of Units in Package 2** | 15 |
| **Package 2 Height** | 5.906 in (15.000 cm) |
| **Package 2 Width** | 11.811 in (30.000 cm) |
| **Package 2 Length** | 15.748 in (40.000 cm) |
| **Package 2 Weight** | 6.415 lb(US) (2.910 kg) |

## Contractual warranty

| | |
|---|---|
| **Warranty (in months)** | 18 |

## Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

Environmental Data explained >

How we assess product sustainability >

### Environmental footprint

| | |
|---|---|
| Total lifecycle Carbon footprint | **191 kg CO2 eq.** |
| Carbon footprint of the manufacturing phase [A1 to A3] | **5 kg CO2 eq.** |
| Carbon footprint of the distribution phase [A4] | **0 kg CO2 eq.** |
| Carbon footprint of the installation phase [A5] | **0 kg CO2 eq.** |
| Carbon footprint of the use phase [B2, B3, B4, B6] | **185 kg CO2 eq.** |
| Carbon footprint of the end-of-life phase [C1 to C4] | **0.4 kg CO2 eq.** |
| Environmental Disclosure | **Product Environmental Profile** |

## Use Better

### Materials and Substances

| | |
|---|---|
| Packaging made with recycled cardboard | **Yes** |
| Packaging without single use plastic | **Yes** |
| EU RoHS Directive | **Compliant By Exemption** |
| REACh Regulation | **Reference contains Substances of Very High Concern above the threshold** |
| 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** |

## Use Again

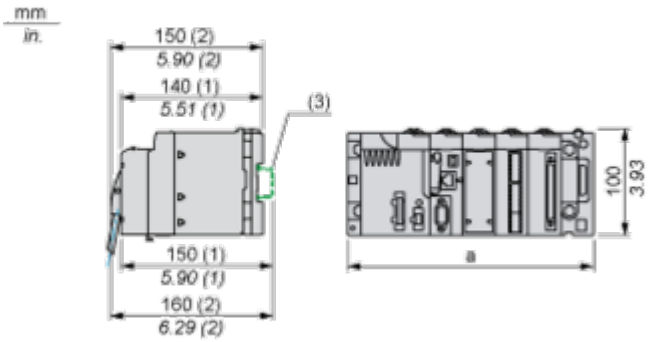
### Repack and remanufacture

| | |
|---|---|
| Recyclability potential, in % | **26** |
| Circularity Profile | **End of Life Information** |
| Take-back | **No** |

## Dimensions Drawings

### Modules Mounted on Racks

### Dimensions

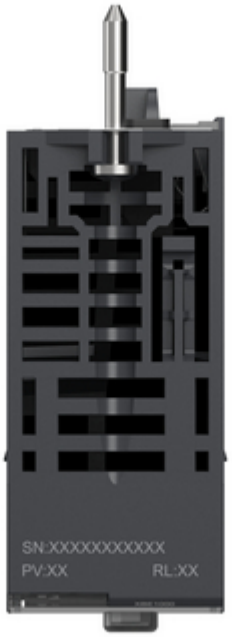



**(1)** With removable terminal block (cage, screw or spring).
**(2)** With FCN connector.
**(3)** On AM1 ED rail: 35 mm wide, 15 mm deep. Only possible with BMXXBP0400/0400H/0600/0600H/0800/0800H rack.

| Rack references | a in mm | a in in. |
|---|---|---|
| BMXXBP0400 and BMXXBP0400H | 242.4 | 09.54 |
| BMXXBP0600 and BMXXBP0600H | 307.6 | 12.11 |
| BMXXBP0800 and BMXXBP0800H | 372.8 | 14.68 |
| BMXXBP1200 and BMXXBP1200H | 503.2 | 19.81 |

Image of product / Alternate images

**Alternative**











XBE1000
RUN
ERR
0
1
2
3
4
5
6
7
X Bus
X Bus

