

# Product data sheet

Specifications



redundant processor kit, Modicon M580, 16MB, 61 Ethernet devices, 16 Remote I/O racks (X80 & Quantum I/O)

BMEH584040K

Product availability: Stock - Normally stocked in distribution facility

## Main

|                  |              |
|------------------|--------------|
| Range of Product | Modicon M580 |
|------------------|--------------|

## Complementary

|         |    |
|---------|----|
| Marking | CE |
|---------|----|

## Environment

|                                       |                                                                                                                                                                         |
|---------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Vibration resistance                  | 3 gn                                                                                                                                                                    |
| Shock resistance                      | 30 gn                                                                                                                                                                   |
| Ambient air temperature for operation | -13...140 °F (-25...60 °C)                                                                                                                                              |
| Ambient Air Temperature for Storage   | -40...185 °F (-40...85 °C)                                                                                                                                              |
| Operating altitude                    | 0...6561.68 ft (0...2000 m)<br>2000...5000 m with derating factor                                                                                                       |
| Relative humidity                     | 5...95 % 131 °F (55 °C) without condensation                                                                                                                            |
| IP Degree of Protection               | IP20                                                                                                                                                                    |
| 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                                                                                                                                   |
| Product Weight                        | 3.743 lb(US) (1.698 kg)                                                                                                                                                 |

## Ordering and shipping details

|                   |               |
|-------------------|---------------|
| Category          | US1PC3418161  |
| Discount Schedule | PC34          |
| GTIN              | 3606480927423 |
| Returnability     | Yes           |

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

|                   |    |
|-------------------|----|
| Country of origin | FR |
|-------------------|----|

Packing Units

|                              |                         |
|------------------------------|-------------------------|
| Unit Type of Package 1       | PCE                     |
| Number of Units in Package 1 | 1                       |
| Package 1 Height             | 5.91 in (15.000 cm)     |
| Package 1 Width              | 11.81 in (30.000 cm)    |
| Package 1 Length             | 15.75 in (40.000 cm)    |
| Package 1 Weight             | 4.855 lb(US) (2.202 kg) |

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                        |                                               |
|------------------------------------------------|-----------------------------------------------|
| Carbon footprint (kg CO2 eq, Total Life cycle) | 609                                           |
| Environmental Disclosure                       | <a href="#">Product Environmental Profile</a> |

Use Better

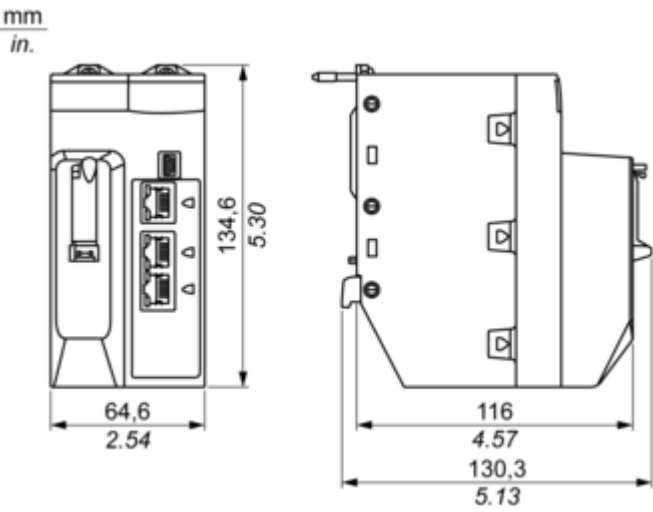
| Materials and Substances               |                                                                                                                                                                                                                                                                                             |
|----------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Packaging made with recycled cardboard | Yes                                                                                                                                                                                                                                                                                         |
| Packaging without single use plastic   | No                                                                                                                                                                                                                                                                                          |
| <a href="#">EU RoHS Directive</a>      | Pro-active compliance (Product out of EU RoHS legal scope)                                                                                                                                                                                                                                  |
| SCIP Number                            | 4eb70ab0-978b-4773-a441-0cc20d6144a1                                                                                                                                                                                                                                                        |
| REACH Regulation                       | <a href="#">REACH Declaration</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="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a> |

Use Again

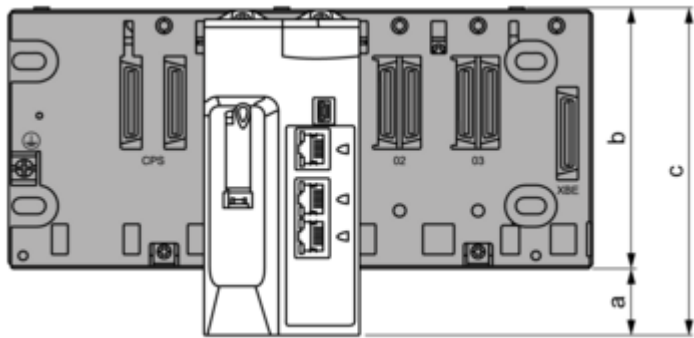
| Repack and remanufacture |                                                                                                                                                                                                                  |
|--------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Circularity Profile      | <a href="#">End of Life Information</a>                                                                                                                                                                          |
| Take-back                | No                                                                                                                                                                                                               |
| WEEE                     |  The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins. |

Dimensions Drawings

CPU Module Only

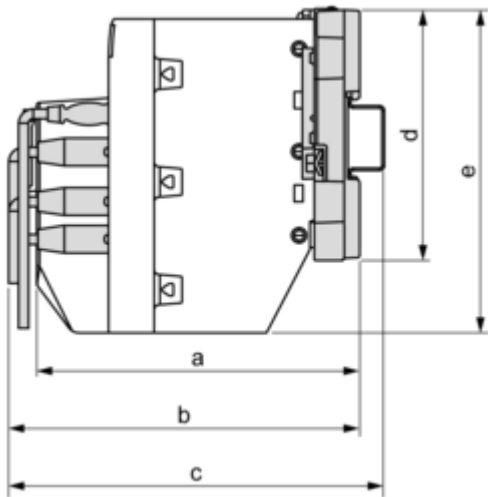


Modules Mounted on Racks



- a:** additional space below the rack to accommodate the height of the CPU. For an X Bus rack, the value is 30.9 mm (1.217 in.); for an Ethernet rack, the value is 29.49 mm (1.161 in.).
- b:** the height of the rack. For an X Bus rack, the height is 103.7 mm (4.083 in.); for an Ethernet rack, the height is 105.11 mm (4.138 in.).
- c:** the height of the main local rack, 134.6 mm (5.299 in.)

Modules and Cables Mounted in an Enclosure



- a: enclosure depth: 135 mm (5.315 in.)
- b: wiring + module depth: > 146 mm (5.748 in.)
- c: wiring + module + DIN rail depth: > 156 mm (6.142 in.)
- d: rack height: for an X Bus rack 103.7 mm (4.083 in.); for an Ethernet rack, 105.11 mm (4.138 in.)
- e: module height: 134.6 mm (5.299 in.)

Image of product / Alternate images

Alternative

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