

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)
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
2014/30/EU - electromagnetic compatibility

Product certifications CE
UL
CSA
RCM
EAC
Merchant Navy

Standards IEC 61131-2
IEC 61010-2-201
UL 61010-2-201
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

Environmental characteristic Hazardous location class I division 2

Net 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.

Country of origin	FR
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Packing Units

Unit Type of Package 1	PCE
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Number of Units in Package 1	1
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Package 1 Height	5.91 in (15.000 cm)
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Package 1 Width	11.81 in (30.000 cm)
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Package 1 Length	15.75 in (40.000 cm)
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Package 1 Weight	4.855 lb(US) (2.202 kg)
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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-CO₂ 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 >](#)

[How we assess product sustainability >](#)



Transparency

Well-being performance

✓ Mercury Free

✓ Rohs Exemption Information [Yes](#)

Reach Regulation [REACH Declaration](#)

Eu Rohs Directive Pro-active compliance (Product out of EU RoHS legal scope)

China Rohs Regulation [China RoHS declaration](#)

Environmental Disclosure [Product Environmental Profile](#)

Weee The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.

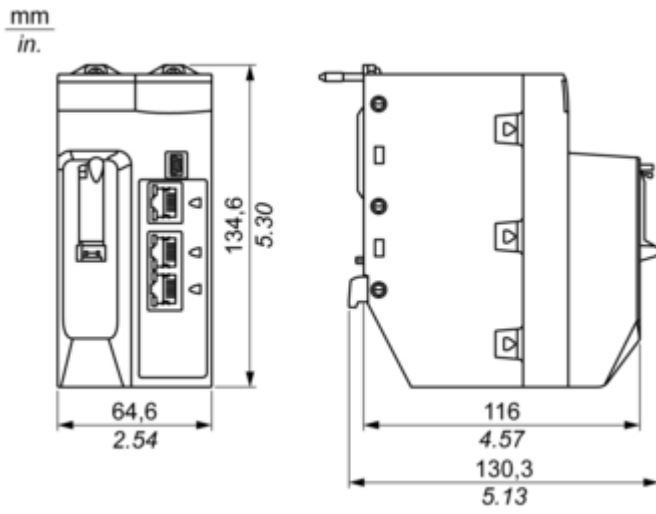
Circularity Profile [End of Life Information](#)

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

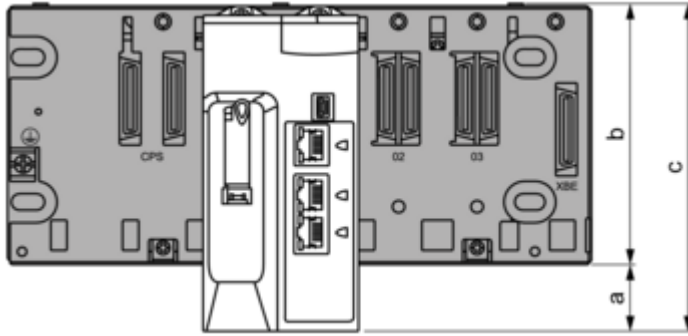
Scip Number 4eb70ab0-978b-4773-a441-0cc20d6144a1

Dimensions Drawings

CPU Module Only



Modules Mounted on Racks

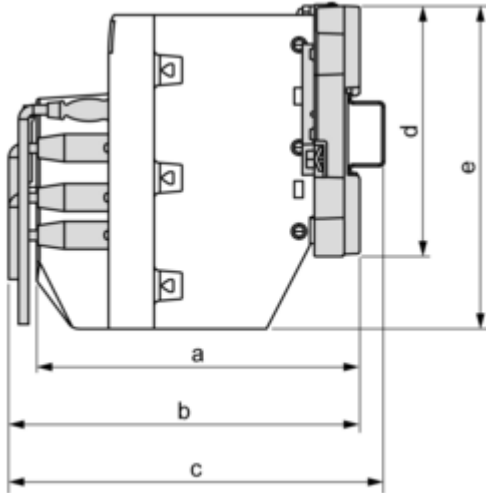


a: additional space below the rack to accommodate the height of the CPU. For an X Bus rack, the value is 30.9 mm (1.217 in.); for an Ethernet rack, the value is 29.49 mm (1.161 in.).

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

