

Product datasheet

Specifications



Modicon M580, Kit made of: 2x BMEH584040 + 2x 490NAC0100

Local distributor code:

408896434

BMEH584040K

EAN Code: 3606480927423

Main

Range of product Modicon M580

Complementary

Marking CE

Environment

Vibration resistance 3 gn

Shock resistance 30 gn

Ambient air temperature for operation -25...60 °C

Ambient air temperature for storage -40...85 °C

Operating altitude 0...2000 m
2000...5000 m with derating factor

Relative humidity 5...95 % at 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 1.698 kg

Packing Units

Unit Type of Package 1 PCE

Number of Units in Package 1 1

Package 1 Height 15.000 cm

Package 1 Width 30.000 cm

Package 1 Length 40.000 cm

Package 1 Weight	2.202 kg
Unit Type of Package 2	P06
Number of Units in Package 2	8
Package 2 Height	45.000 cm
Package 2 Width	60.000 cm
Package 2 Length	80.000 cm
Package 2 Weight	27.616 kg

Logistical informations

Country of origin	FR
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Contractual warranty

Warranty (in months)	18
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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	609 kg CO2 eq.
Environmental Disclosure	Product Environmental Profile
Carbon footprint of the manufacturing phase [A1 to A3]	166 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0.3 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	441 kg CO2 eq.
Carbon footprint of the end-of-life phase [C1 to C4]	1 kg CO2 eq.

Use Better



Materials and Substances

Packaging made with recycled cardboard	Yes
Packaging without single use plastic	No
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)
SCIP Number	4eb70ab0-978b-4773-a441-0cc20d6144a1
REACH Regulation	REACH Declaration

Use Longer



Lifetime extension

Repair	No
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Use Again

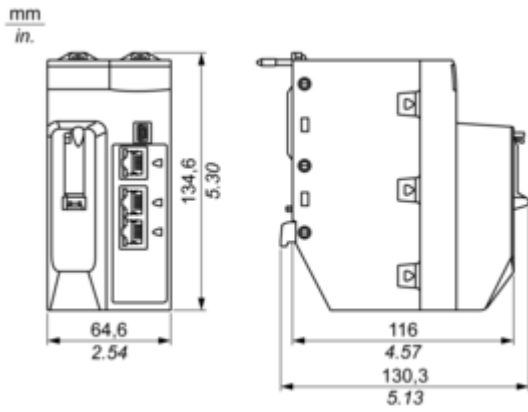


Repack and remanufacture

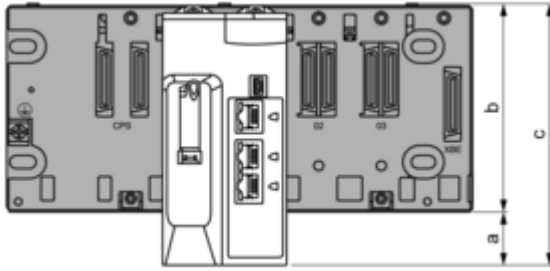
End of life manual availability	End of Life Information
Take-back	No

Dimensions Drawings

CPU Module Only

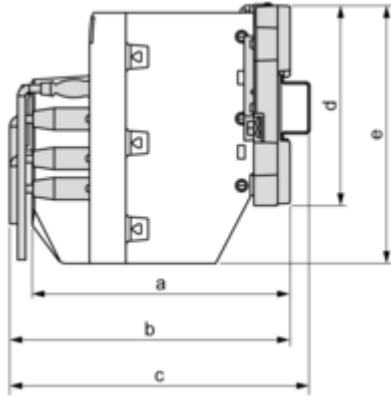


Modules Mounted on Racks



- 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

