

Product datasheet

Specifications



Ethernet module M580 - 3-port Ethernet communication

BMENOC0301

Main

Range of product	Modicon M580
Product or component type	Communication module
Device application	Process and control communication module

Complementary

Product compatibility	Modicon M580 standalone CPU (BMEP58.....) Modicon M580 Redundant CPU (BMEH58.....) Modicon M580 safety CPU (non interfering type 1) (BMEP582.....) Modicon M580 safety Redundant CPU (non interfering type 1) (BMEH582.....) Modicon X80 Rack with Ethernet backplane (BMEXBP.....)
Mounting location	Main rack
Backplane slot location	Ethernet + X-bus Slot
Slot occupied by module	1
Maximum number of modules per rack	4
Supply	Internal power supply via rack
Integrated connection type	3 Ethernet, connector type: RJ45, transmission rate: 10/100 Mbit/s, transmission mode: double shielded twisted pair
Transmission support medium	Ethernet backplane
Communication service	Bandwidth management FDR server SNMP network administrator Modbus TCP I/O Scanner and Messaging Ethernet/IP I/O Scanner and Messaging RSTP support Port mirroring Embedded multiport switch
Web server	For commissioning, operational and maintenance
Current consumption	900 mA at 3.3 V DC (for product version >= 13) 1800 mA at 3.3 V DC (for product version < 13)
Local signalling	1 LED (green) for processor running (RUN) 1 LED (red) for processor or system fault (ERR) 1 LED (green/red) for ETH MS (Ethernet port configuration status) 1 LED (green/red) for Eth NS (Ethernet network status)
Width	32 mm
Height	103.7 mm
Length	86 mm
Net weight	0.2 kg

Environment

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

IP degree of protection	IP20
Ambient air temperature for operation	0...60 °C
Marking	CE
Directives	2014/35/EU - low voltage directive 2014/30/EU - electromagnetic compatibility

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	5.500 cm
Package 1 Width	11.200 cm
Package 1 Length	12.000 cm
Package 1 Weight	254.000 g
Unit Type of Package 2	S02
Number of Units in Package 2	15
Package 2 Height	15.000 cm
Package 2 Width	30.000 cm
Package 2 Length	40.000 cm
Package 2 Weight	4.136 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.eq.CO2 per CR, Total Life cycle)	283
Environmental Disclosure	Product Environmental Profile

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	80ae656b-2f7e-4160-80e7-243915b2d097
REACH Regulation	REACH Declaration

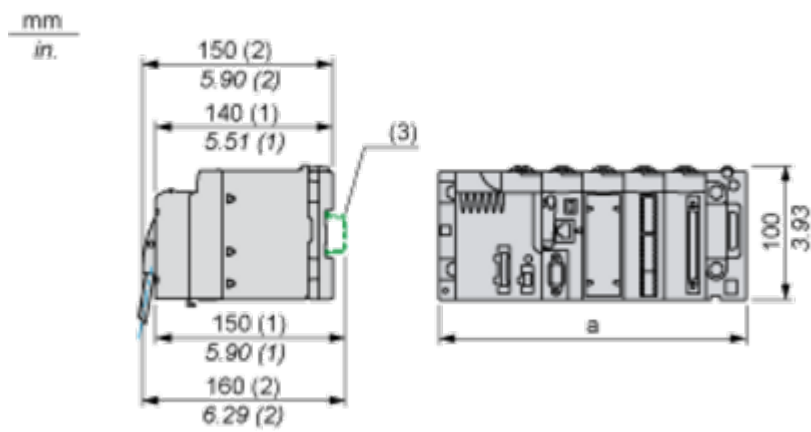
Use Again

Repack and remanufacture	
Circularity Profile	End of Life Information
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

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

