

# Product data sheet

Specifications



## Network module, Modicon M580, Ethernet IP/Modbus TCP

BMENOC0301

### Main

Range of product	Modicon M580
Product or component type	Communication module
Product compatibility	BMEXBP... - Ethernet + X-bus rack
Concept	Transparent Ready

### Complementary

Integrated connection type	3 Ethernet, connector type: RJ45, transmission rate: 10/100 Mbit/s, transmission mode: double shielded twisted pair
Web server	Basic
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
Port Ethernet	10BASE-T/100BASE-TX
Supply	Internal power supply via rack
Marking	CE
Module format	Standard
Current consumption	900 mA at 3.3 V DC (for product version >= 13) 1800 mA at 3.3 V DC (for product version < 13)
Net weight	0.2 kg

### Environment

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

## Packing Units

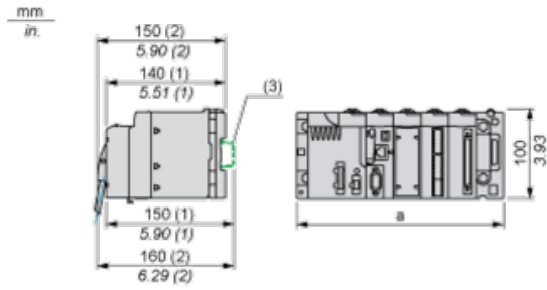
Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	5.500 cm
Package 1 Width	11.200 cm
Package 1 Length	12.000 cm
Package 1 Weight	254.000 g
Unit Type of Package 2	S02
Number of Units in Package 2	15
Package 2 Height	15.000 cm
Package 2 Width	30.000 cm
Package 2 Length	40.000 cm
Package 2 Weight	4.136 kg

## Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	<a href="#">REACH Declaration</a>
REACH free of SVHC	Yes
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) <a href="#">EU RoHS Declaration</a>
Mercury free	Yes
China RoHS Regulation	<a href="#">China RoHS declaration</a>
RoHS exemption information	<a href="#">Yes</a>
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
Circularity Profile	<a href="#">End of Life Information</a>
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
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>

**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

**Recommended replacement(s)**