



For inquiries: [info@oiltechcontrols.com](mailto:info@oiltechcontrols.com)



### 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
Current consumption	555 mA at 3.3 V DC
Module format	Standard
Net weight	0.2 kg

### Environment

Ambient air temperature for operation	0...60 °C
Relative humidity	10...95 %
IP degree of protection	IP20
Marking	CE

Product certifications	UL
Directives	2014/35/EU - low voltage directive 2014/30/EU - electromagnetic compatibility 2012/19/EU - WEEE directive
Standards	EN 61131-2 EN 61000-6-4 EN 61000-6-2 EN 61010-2-201
Local signalling	Processor running (RUN): 1 LED (green) Processor or system fault (ERR): 1 LED (red) ETH MS (Ethernet port configuration status): 1 LED (green/red) Eth NS (Ethernet network status): 1 LED (green/red)

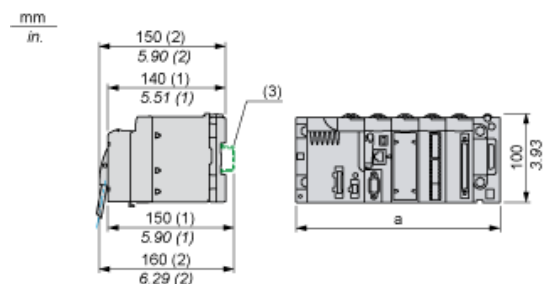
## Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	 <a href="#">REACH Declaration</a>
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)  <a href="#">EU RoHS Declaration</a>
Environmental Disclosure	 <a href="#">Product Environmental Profile</a>
Circularity Profile	 <a href="#">End of Life Information</a>

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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

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