



Main

Range of product	Modicon M580
Product or component type	Communication module
Product compatibility	Ethernet + X-bus rack (BMEXBP...)
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	Embedded multiport switch 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
Port Ethernet	10BASE-T/100BASE-TX
Supply	Internal power supply via rack
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)
Current consumption	555 mA at 3.3 V DC
Module format	Standard
Product weight	0.2 kg

Environment

Ambient air temperature for operation	0...60 °C
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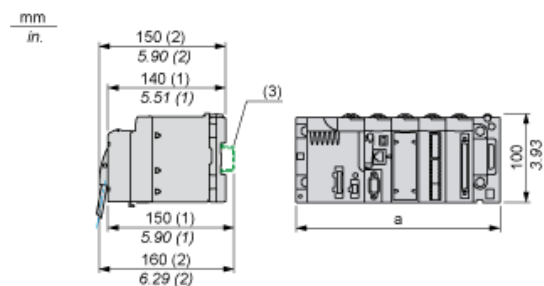
Relative humidity	10...95 %
IP degree of protection	IP20
Marking	CE
Product certifications	UL
Standards	CSA C22.2 No 142 CSA C22.2 No 213, class: class I division 2 EN/IEC 61131-2 UL 508

Offer Sustainability

Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 1613 - Schneider Electric declaration of conformity Schneider Electric declaration of conformity
REACH	Reference not containing SVHC above the threshold Reference not containing SVHC above the threshold
Product environmental profile	Available Product environmental
Product end of life instructions	Available End of life manual

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