



### Main

|                              |                                   |
|------------------------------|-----------------------------------|
| Range of product             | Modicon M580                      |
| Product or component type    | Communication module              |
| Product specific application | For severe applications           |
| 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       | Bandwidth management<br>FDR server<br>SNMP network administrator<br>Modbus TCP I/O Scanner and Messaging<br>Ethernet/IP I/O Scanner and Messaging<br>RSTP support<br>Port mirroring<br>Embedded multipoint switch           |
| Port Ethernet               | 10BASE-T/100BASE-TX                                                                                                                                                                                                         |
| Supply                      | Internal power supply via rack                                                                                                                                                                                              |
| Local signalling            | 1 LED (green) for processor running (RUN)<br>1 LED (red) for processor or system fault (ERR)<br>1 LED (green/red) for ETH MS (Ethernet port configuration status)<br>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

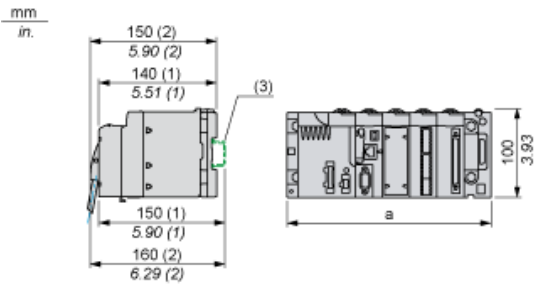
|                                       |                                                                                             |
|---------------------------------------|---------------------------------------------------------------------------------------------|
| Ambient air temperature for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

### Offer Sustainability

|                          |                                                                                       |
|--------------------------|---------------------------------------------------------------------------------------|
| Sustainable offer status | Not Green Premium product                                                             |
| RoHS (date code: YYWW)   | Compliant - since 1508 - <a href="#">Schneider Electric declaration of conformity</a> |
| REACH                    | Reference not containing SVHC above the threshold                                     |

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    |