



### 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<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 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)<br>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<br>2014/30/EU - electromagnetic compatibility                                                                                                                                            |
| 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) |

### Packing Units

|                              |         |
|------------------------------|---------|
| Unit Type of Package 1       | PCE     |
| Number of Units in Package 1 | 1       |
| Package 1 Weight             | 277 g   |
| Package 1 Height             | 5.5 cm  |
| Package 1 width              | 11 cm   |
| Package 1 Length             | 11.8 cm |

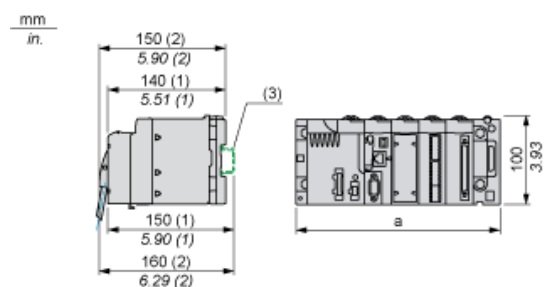
|                              |          |
|------------------------------|----------|
| Unit Type of Package 2       | S02      |
| Number of Units in Package 2 | 15       |
| Package 2 Weight             | 4.455 kg |
| Package 2 Height             | 15 cm    |
| Package 2 width              | 30 cm    |
| Package 2 Length             | 40 cm    |

### 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                                                                                                                         |
| RoHS exemption information | <a href="#">Yes</a>                                                                                                         |
| China RoHS Regulation      | <a href="#">China RoHS Declaration</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 |

## 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    |