

### Main

|                           |                      |
|---------------------------|----------------------|
| Range of product          | Modicon M580         |
| Product or component type | Communication module |

### Complementary

|                             |   |
|-----------------------------|---|
| Product compatibility       | BMEXBP... - Ethernet + X-bus rack   |
| Supply                      | Internal power supply via rack  |
| Integrated connection type  | 3 Ethernet, connector type: RJ45, transmission rate: 10/100/1000 Mbps, transmission mode: double shielded twisted pair  |
| Memory usage                | Application saving<br>Activating the advanced web server  |
| Transmission support medium | Ethernet backplane  |
| Communication service       | Bandwidth management<br>FDR server<br>Modbus TCP I/O Scanner and Messaging<br>Ethernet/IP I/O Scanner and Messaging<br>Embedded 4-port switch<br>RSTP support<br>IP forwarding  |
| Web services                | FactoryCast configurable  |
| Web server                  | Advanced  |
| Current consumption         | 1800 mA at 3.3 V DC   |
| 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)<br>1 LED (green/red) for Eth NS1 (Ethernet network status)<br>1 LED (green/red) for Eth NS2 (Ethernet network status) |
| Net weight                  | 0.2 kg  |

### Environment

|                                       |  |
|---------------------------------------|--|
| IP degree of protection               | IP20   |
| Protective treatment                  | TC   |
| Ambient air temperature for operation | 0...60 °C  |
| Marking                               | CE   |
| Directives                            | 2014/35/EU - low voltage directive<br>2014/30/EU - electromagnetic compatibility |

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

## 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             | 11.800 cm |
| Package 1 Weight             | 253.000 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             | 4.062 kg  |

## Offer Sustainability

|   |   |
|---|---|
| Packaging without single use plastic                  | No  |
| Packaging made with recycled cardboard                | Yes   |
| REACH Regulation                                      | <a href="#">REACH Declaration</a>   |
| EU RoHS Directive                                     | Pro-active compliance (Product out of EU RoHS legal scope)  |
| 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   |
| 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> |
| Take-back   | No  |
| Carbon footprint (kg.eq.CO2 per CR, Total Life cycle) | 202   |