# Product data sheet

Specifications

## control router, Modicon M580, Ethernet

BMENOC0321

**Product availability: Stock - Normally stocked in distribution facility**

## 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 RJ45 10/100/1000 Mbps 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 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** | 0.4 lb(US) (0.2 kg) |

## Environment

| | |
|---|---|
| **IP Degree of Protection** | IP20 |
| **Protective treatment** | TC |
| **Ambient Air Temperature for Operation** | 32…140 °F (0…60 °C) |
| **Marking** | CE |
| **Directives** | 2014/35/EU - low voltage directive<br>2014/30/EU - electromagnetic compatibility |

## Ordering and shipping details

| | |
|---|---|
| **Category** | US1PC3418160 |

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

| | |
|---|---|
| **Discount Schedule** | PC34 |
| **GTIN** | 3606480887901 |
| **Returnability** | Yes |
| **Country of origin** | FR |

# Packing Units

| | |
|---|---|
| **Unit Type of Package 1** | PCE |
| **Nbr. of units in pkg.** | 1 |
| **Package 1 Height** | 2.165 in (5.500 cm) |
| **Package 1 Width** | 4.409 in (11.200 cm) |
| **Package 1 Length** | 4.646 in (11.800 cm) |
| **Package weight(Lbs)** | 8.924 oz (253.000 g) |
| **Unit Type of Package 2** | S02 |
| **Number of Units in Package 2** | 15 |
| **Package 2 Height** | 5.906 in (15.000 cm) |
| **Package 2 Width** | 11.811 in (30.000 cm) |
| **Package 2 Length** | 15.748 in (40.000 cm) |
| **Package 2 Weight** | 8.955 lb(US) (4.062 kg) |

## Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing "Use Better, Use Longer, Use Again" campaign to extend product lifetimes and recyclability.

Environmental Data explained ›

How we assess product sustainability ›

### Environmental footprint

| | |
|---|---|
| Carbon footprint (kg CO2 eq, Total Life cycle) | **202** |
| Environmental Disclosure | **Product Environmental Profile** |

## Use Better

### Materials and Substances

| | |
|---|---|
| Packaging made with recycled cardboard | **Yes** |
| Packaging without single use plastic | **No** |
| **EU RoHS Directive** | **Pro-active compliance (Product out of EU RoHS legal scope)** |
| REACh Regulation | **REACh Declaration** |
| 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 www.P65Warnings.ca.gov** |

## Use Again

### Repack and remanufacture

| | |
|---|---|
| Circularity Profile | **End of Life Information** |
| Take-back | **No** |

Image of product / Alternate images

**Alternative**