

Product datasheet

Specifications



Ethernet TCP/IP network module, Modicon M580, dedicated for Global Data service

BMXNGD0100

Main

| | |
|----------------------------|--------------------------------------------|
| Range of product | Modicon M580 |
| Product or component type | Ethernet TCP/IP network module |
| Integrated connection type | Ethernet RJ45 10/100 Mbit/s 1 twisted pair |
| Protective treatment | TC |

Complementary

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|-----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Communication service | Global Data Modbus TCP messaging Security |
| Port Ethernet | 10BASE-T/100BASE-TX |
| Memory description | Supplied Flash memory card (BMXRWSC016M) |
| Supply | Internal power supply via rack |
| Marking | CE |
| Local signalling | 1 LED (green) for activity on Ethernet network (ETH ACT) 1 LED (green) for processor running (RUN) 1 LED (green) for status of Ethernet network (ETH STS) 1 LED (red) for data rate (ETH 100) 1 LED (red) for memory card fault (CARD ERR) 1 LED (red) for processor or system fault (ERR) |
| Control type | RESET push-button cold restart |
| Current consumption | 90 mA at 24 V DC |
| Module format | Standard |
| Net weight | 0.2 kg |

Environment

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|---------------------------------------|----------------------------------------------------------------------------------|
| Ambient air temperature for operation | 0...60 °C |
| Relative humidity | 10...95 % without condensation |
| IP degree of protection | IP20 |
| Directives | 2014/35/EU - low voltage directive 2014/30/EU - electromagnetic compatibility |

Packing Units

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|------------------------------|-----|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |

| | |
|-------------------------------------|---------|
| Package 1 Weight | 236.0 g |
| Package 1 Height | 5.5 cm |
| Package 1 width | 11.0 cm |
| Package 1 Length | 12.0 cm |
| Unit Type of Package 2 | S02 |
| Number of Units in Package 2 | 15 |
| Package 2 Weight | 3.9 kg |
| Package 2 Height | 15.0 cm |
| Package 2 width | 30.0 cm |
| Package 2 Length | 40.0 cm |

Offer Sustainability

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|-----------------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| EU RoHS Directive | Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration |
| Mercury free | Yes |
| RoHS exemption information | Yes |
| China RoHS Regulation | China RoHS declaration |
| Environmental Disclosure | Product Environmental Profile |
| Circularity Profile | End of Life Information |
| WEEE | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins |