

Schneider BME Series Service Manual

BMENOC0301

1. Description

network module, Modicon M580, Ethernet IP/Modbus TCP

3. Product Information

network module, Modicon M580, Ethernet IP/Modbus TCP

BMENOC0301

Main

Range of Product

Modicon M580

Product or Component Type

Communication module

Device Application

Process and control communication module

Complementary

Product compatibility

Modicon M580 standalone CPU (BMEP58.....)

Modicon M580 Redundant CPU (BMEH58.....)

Modicon M580 safety CPU (non interfering type 1) (BMEP582.....)

Modicon M580 safety Redundant CPU (non interfering type 1) (BMEH582.....)

Modicon X80 Rack with Ethernet backplane (BMEXBP.....)

Mounting Location

Main rack

Backplane slot location

Ethernet + X-bus Slot

Slot occupied by module

1

Maximum number of modules per rack

4

Supply

Internal power supply via rack

Integrated connection type

3 Ethernet RJ45 10/100 Mbit/s double shielded twisted pair

Transmission support medium

Ethernet backplane

Communication service

Bandwidth management

FDR server

SNMP network administrator

Modbus TCP I/O Scanner and Messaging

Ethernet/IP I/O Scanner and Messaging

RSTP support

Port mirroring

Embedded multiport switch

Web server

For commissioning, operational and maintenance

Current consumption

900 mA 3.3 V DC for product version >= 13)

1800 mA 3.3 V DC for product version < 13)

Local signalling

1 LED (green) for processor running (RUN)

1 LED (red) for processor or system fault (ERR)

1 LED (green/red) for ETH MS (Ethernet port configuration status)

1 LED (green/red) for Eth NS (Ethernet network status)

Width

1.3 in (32 mm)

Height

4.08 in (103.7 mm)

Length

3.4 in (86 mm)

Product Weight

0.4 lb(US) (0.2 kg)

Environment

IP Degree of Protection

IP20

Ambient Air Temperature for Operation

32...140 °F (0...60 °C)

Marking

CE

Directives

2014/35/EU - low voltage directive

2014/30/EU - electromagnetic compatibility

Ordering and shipping details

Category

US1PC3418160

Discount Schedule

PC34

GTIN

3606480713903

Returnability

Yes

Country of origin

FR

Packing Units

Unit Type of Package 1

PCE

Nbr. of units in pkg.

1

Package 1 Height

2.17 in (5.500 cm)

Package 1 Width

4.41 in (11.200 cm)

Package 1 Length

4.72 in (12.000 cm)

Package weight(Lbs)

8.959 oz (254.000 g)

Unit Type of Package 2

S02

Number of Units in Package 2

15

Package 2 Height

5.91 in (15.000 cm)

Package 2 Width

11.81 in (30.000 cm)

Package 2 Length

15.75 in (40.000 cm)

Package 2 Weight

9.039 lb(US) (4.100 kg)