

Schneider BME Series Service Manual

BMENOC0301C

1. Description

BMENOC0301C Main

3. Product Information

BMENOC0301C Main

Range of Product

Modicon M580

Product or Component Type

Communication module

Complementary

Product compatibility

BMEXBP... - Ethernet + X-bus rack

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

Basic

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)

Net Weight

0.4 lb(US) (0.2 kg)

Environment

IP Degree of Protection

IP20

Protective treatment

Conformal coating

Ambient air temperature for operation

32...140 °F (0...60 °C)

Marking

CE

Product certifications

CE

UL

CSA

RCM

EAC

Merchant Navy

ATEX zone 2/22

IECEX zone 2/22

Standards

EN/IEC 61131-2

EN/IEC 61010-2-201

UL 61010-2-201

CSA C22.2 No 61010-2-201

IACS E10

EN/IEC 61000-6-5, interface type 1 and type 2

EN/IEC 61850-3, location G

EN/IEC 60079-0

Directives

2014/35/EU - low voltage directive

2014/30/EU - electromagnetic compatibility

2014/34/EU - ATEX directive

Environmental characteristic

Gas resistant class Gx ISA S71.04

Gas resistant class 3C4 IEC 60721-3-3

Dust resistant class 3S4 IEC 60721-3-3

Sand resistant class 3S4 IEC 60721-3-3

Salt resistant level 2 IEC 68252

Mold growth resistant class 3B2 IEC 60721-3-3

Fungal spore resistant class 3B2 IEC 60721-3-3

Hazardous location class I division 2

Ordering and shipping details

Category

US1PC3418160

Discount Schedule

PC34

GTIN

3606480713910

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

4.33 in (11.000 cm)

Package 1 Length

4.65 in (11.800 cm)

Package weight(Lbs)

9.277 oz (263.000 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

9.480 lb(US) (4.300 kg)