

Schneider BME Series Service Manual

BMENOC0311C

1. Description

BMENOC0311C Main

3. Product Information

BMENOC0311C 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 Mbit/s, transmission mode: 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 services

FactoryCast configurable

Web server

Advanced

Current consumption

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

1800 mA at 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)

Net weight

0.2 kg

Environment

IP degree of protection

IP20

Protective treatment

Conformal coating

Ambient air temperature for operation

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 conforming to ISA S71.04

Gas resistant class 3C4 conforming to IEC 60721-3-3

Dust resistant class 3S4 conforming to IEC 60721-3-3

Sand resistant class 3S4 conforming to IEC 60721-3-3

Salt resistant level 2 conforming to IEC 68252

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

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

Hazardous location class I division 2

Packing Units

Unit Type of Package 1

PCE

Number of Units in Package 1

1

Package 1 Height

5.500 cm

Package 1 Width

11.500 cm

Package 1 Length

12.000 cm

Package 1 Weight

260.000 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

4.230 kg