

Schneider BME Series Service Manual

BMENOS0300C

1. Description

BMENOS0300C Main

3. Product Information

BMENOS0300C Main

Range of product

Modicon X80

Product or component type

Switch module

Product compatibility

BMEXBP... backplane

Complementary

[Us] rated supply voltage

24 V for back plane

Power consumption in W

3.3 W at 135 mA 25 °C

4.5 W at 185 mA 60 °C

Number of port

3

Integrated connection type

Ethernet/IP for device network

Ethernet/IP for service port

Communication port protocol

EtherNet/IP

Local signalling

1 LED (green) for module active (RUN)

1 LED (red) for module error (ERR)

1 LED (green/red) for module status (Mod Status)

1 LED (green/red) for network communication status (Net Status)

Module format

Standard

Environment

Marking

CE

Directives

2014/35/EU - low voltage directive

2014/30/EU - electromagnetic compatibility

2014/34/EU - ATEX directive

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

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

IP degree of protection

IP20

Ambient air temperature for operation

0...60 °C

Ambient air temperature for storage

-40...85 °C

Operating altitude

<= 2000 m

Maximum altitude transport

3000 m

Overvoltage category

II

Relative humidity

95 % without condensation

Protective treatment

Conformal coating

Packing Units

Unit Type of Package 1

PCE

Number of Units in Package 1

1

Package 1 Height

5.800 cm

Package 1 Width

11.200 cm

Package 1 Length

12.200 cm

Package 1 Weight

264.000 g

Unit Type of Package 2

S02

Number of Units in Package 2

5

Package 2 Height

15.000 cm

Package 2 Width

30.000 cm

Package 2 Length

40.000 cm

Package 2 Weight

1.636 kg