

Schneider BME Series Service Manual

BMXNOE0100H

1. Description

network module, Modicon M340, Modbus/TCP, 1 x RJ45, flash memory card, for severe environments

3. Product Information

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BMXNOE0100H

Main

Range of Product

Modicon M340 automation platform

Product or Component Type

Ethernet TCP/IP network module

Product Specific Application

For severe environments

Concept

Transparent Ready

Integrated connection type

Ethernet TCP/IP RJ45 10/100 Mbit/s 1 twisted pair transparent ready class B30

Protective treatment

Conformal coating

Complementary

Communication service

Bandwidth management

Data Editor (via PC terminal)

FDR server

Rack Viewer

SNMP network administrator

Global Data

I/O scanning

Modbus TCP messaging

Web server configurable

Port Ethernet

10BASE-T/100BASE-TX

Memory description

Supplied Flash memory card (BMXRWSC016M)

Memory usage

Application saving

Activating the standard web server

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 24 V DC

Module format

Standard

Product Weight

0.4 lb(US) (0.2 kg)

Environment

Ambient Air Temperature for Operation

-13...158 °F (-25...70 °C)

Relative Humidity

10...95 % without condensation

IP Degree of Protection

IP20

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

- IEC 61131-2
- IEC 61010-2-201
- UL 61010-2-201
- CSA C22.2 No 61010-2-201
- IACS E10
- IEC 61000-6-5, interface type 1 and type 2
- IEC 61850-3, location G
- IEC 60079-0

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

3595864024462

Returnability

No

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

4.72 in (12.000 cm)

Package weight(Lbs)

8.677 oz (246.000 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

8.168 lb(US) (3.705 kg)