

Schneider BME Series Service Manual

BMXNOE0110H

1. Description

Ethernet TCP/IP network module, Modicon M340 automation platform, transparent ready class C30 server

3. Product Information

Ethernet TCP/IP network module, Modicon M340 automation platform, transparent ready class C30 server

BMXNOE0110H

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 C30

Protective treatment

Conformal coating

Complementary

Communication service

Bandwidth management

FDR server

Rack Viewer

SNMP network administrator

Global Data

I/O scanning

Modbus TCP messaging

Web server configurable

Data Editor (via PC, pocket PC or PDA terminal)

SOAP XML Web service (server)

Port Ethernet

10BASE-T/100BASE-TX

Memory description

Supplied Flash memory card (BMXRWSC016M)

Internal RAM 16000 kB

Memory usage

User web page size internal RAM

Activating the standard web server supplied Flash memory card (BMXRWSC016M)

Application saving supplied Flash memory card (BMXRWSC016M)

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

Net 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

3595864009735

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

8.499 lb(US) (3.855 kg)