

Schneider Service Manual

140NOE77101

3. Product Information

Ethernet network TCP/IP module, Modicon Quantum, transparent ready, 750mA at 5VDC

140NOE77101

Main

Range of Product

Modicon Quantum automation platform

Product or Component Type

Ethernet network TCP/IP module

Concept

Transparent Ready

Web server

Class B30

Web services

Diagnostics via predefined web pages

Rack viewer

Data Editor (via PC terminal)

Communication Service

SNMP network management

Bandwidth management

Global Data

I/O scanning

Modbus TCP messaging

FDR server

Communication Port Protocol

Ethernet Modbus TCP/IP

Physical interface

MT/RJ - 100BASE-FX fiber optic

RJ45 - 10BASE-T/100BASE-TX twisted pair

Transmission Rate

10/100 Mbit/s

Complementary

Redundancy

Yes hot standby redundant architecture

Supply

Via the power supply of the rack

Marking

CE

Local signalling

1 LED for 10 Mbps or 100 Mbps data rate (10 MB/100 MB)

1 LED for collision detection (Coll)

1 LED for download mode (Kernel)

1 LED for Ethernet module fault (Fault)

1 LED for Ethernet network status (RUN)

1 LED for full-duplex mode (Fduplex)

1 LED for module ready (Ready)

1 LED for network active (Link)

1 LED for rack operational (Active)

1 LED for transmission/reception activity (TxAct/RxAct)

Current consumption

750 mA 5 V DC

Module format

Standard

Net Weight

0.761 lb(US) (0.345 kg)

Environment

IP Degree of Protection

IP20

Product Certifications

cUL

UL 508

Standards

CSA C22.2 No 142

FM Class 1 Division 2

Resistance to electrostatic discharge

4 kV contact IEC 801-2

8 kV on air IEC 801-2

Resistance to electromagnetic fields

9.1 V/m (10 V/m) 80...1000 MHz IEC 801-3

Ambient Air Temperature for Operation

32...140 °F (0...60 °C)

Ambient Air Temperature for Storage

-40...185 °F (-40...85 °C)

Relative Humidity

95 % without condensation

Operating altitude

<= 14763.78 ft (4500 m)

Ordering and shipping details

Category

US1BMS180230

Discount Schedule

BMS1

GTIN

3595862052887

Returnability

Yes

Packing Units

Unit Type of Package 1

PCE

Nbr. of units in pkg.

1

Package 1 Height

1.97 in (5.0 cm)

Package 1 Width

6.69 in (17.0 cm)

Package 1 Length

12.40 in (31.5 cm)

Package weight(Lbs)

19.8 oz (560.0 g)