

Schneider Service Manual

140NOE77100

3. Product Information

Ethernet network TCP/IP module - class B20 - data editor, rack viewer

140NOE77100

Main

Range of Product

Modicon Quantum automation platform

Product or Component Type

Ethernet network TCP/IP module

Concept

Transparent Ready

Web server

Class B20

Web services

Rack viewer

Diagnostics via predefined web pages

Data Editor (via PC terminal)

Communication Service

Modbus TCP messaging

I/O scanning

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

Product Weight

0.761 lb(US) (0.345 kg)

Environment

IP Degree of Protection

IP20

Product Certifications

cUL

UL 508

Standards

FM Class 1 Division 2

CSA C22.2 No 142

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

18150-QUANTUM CONTROLLERS,HSBY,COMM.

Discount Schedule

PC21

GTIN

3595860025609

Returnability

No

Country of origin

FR