

Schneider Service Manual

140NOM25200

3. Product Information

DIO head-end adaptor - Modicon Quantum - 1 Modbus Plus fiber optic single copper

140NOM25200

Main

Range of Product

Modicon Quantum automation platform

Product or Component Type

DIO head-end adaptor

Complementary

Number of port

1 Modbus Plus fiber optic single copper

1 Modbus RS232 twisted pair

Transmission Rate

1 Mbit/s

Electrical connection

1 connector RJ45

2 connectors TX/RX

I/O words

30 I/32 O

Checks

RAM

RAM address

Processor

Checksum

Power dissipation in W

4 W

Minimum pulse width distortion/jitter

5 ns

Wavelength

0.000032284 in (820 nm)

Power loss budget

11 dB 62.5/125 μ m

16.5 dB 100/140 μ m

6.5 dB 50/125 μ m

Optical transmission

-16...-9 dBm 100/140 μ m

-19.8...-12.8 dBm 50/125 μ m

-3.5...110.5 dBm 62.5/125 μ m

Rise/fall time

20 ns

Dynamic range

20 dB

Detected silence

-36 dBm

Sensitivity scale

> 30 dBm

Bus current requirement

750 mA

Environment

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...2000 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
<= 16404.2 ft (5000 m)
Standards
UL 508
Product Certifications
CSA Class 1 Division 2
RINA
GL
RMRS
C-tick
GOST
DNV
Ordering and shipping details
Category
US1PC2118150
Discount Schedule
PC21
GTIN
3595861135321
Returnability
No
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
6.50 in (16.5 cm)
Package 1 Length
12.20 in (31.0 cm)
Package weight(Lbs)
17.4 oz (494.0 g)