

Schneider Service Manual

140CRA21110

3. Product Information

DIO drop interface Modicon Quantum - 115/230 V AC - 1 single port

140CRA21110

Specifications

Main

Range of Product

Modicon Quantum automation platform

Product or Component Type

DIO drop interface

Complementary

Number of port

1 single

[Us] rated supply voltage

115/230 V AC

Supply voltage limits

85...276 V

Supply frequency

47...63 Hz

Maximum supply current

0.2 A 115 V

0.4 A 230 V

Inrush current

10 A 115 V

20 A 230 V

rated power in VA

50 VA

Associated fuse rating

1.5 A

Output voltage

5.1 V

nominal output current

3 A

Minimum load current

0 A

Short-circuit protection

With

Output overvoltage protection

With

I/O words

30 I/32 O

Typical backplanes

3 positions

2 positions

6 positions

16 positions

10 positions

4 positions

Diagnostics startup

RAM address

RAM

Checksum

Diagnostics run time

RAM address

RAM

Checksum

Power dissipation in W

11 W

Connections - Terminals

Terminal block, 7 poles

Module format

Standard

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)

Protective treatment

TC

Standards

UL 508

Product Certifications

CSA Class 1 Division 2

UL

DNV

C-tick

GOST

Ordering and shipping details

Category

US1PC2118155

Discount Schedule

PC21

GTIN

3595861136731

Returnability

No

Packing Units

Unit Type of Package 1

PCE

Nbr. of units in pkg.

1

Package 1 Height

1.97 in (5.000 cm)

Package 1 Width

6.50 in (16.500 cm)

Package 1 Length

12.40 in (31.500 cm)

Package weight(Lbs)

24.303 oz (689.000 g)