

Schneider Service Manual

140CRA21120

3. Product Information

Schneider Electric 140CRA21120 Picture

DIO drop interface Modicon Quantum - 24 V DC - 2 single port

140CRA21120

Specifications

Main

Range of Product

Modicon Quantum automation platform

Product or Component Type

DIO drop interface

Complementary

Number of port

2 redundant

[Us] rated supply voltage

24 V DC

Supply voltage limits

20...30 V

Maximum supply current

1.6 A 24 V

Inrush current

30 A 24 V

Maximum buffer time

1 ms

Associated fuse rating

2.5 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

2 positions

3 positions

6 positions

16 positions

4 positions

10 positions

Diagnostics startup

Checksum

RAM

RAM address

Diagnostics run time

Checksum

RAM address

RAM

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

GOST

C-tick

DNV

CSA Class 1 Division 2

UL

Ordering and shipping details

Category

US1PC2118155

Discount Schedule

PC21

GTIN

3595861136694

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)

23.8 oz (674.0 g)