

Schneider Service Manual

140CPS12400

3. Product Information

Schneider Electric 140CPS12400 Picture

power supply module Modicon Quantum - 115 V/230 V AC - redundant

140CPS12400

Specifications

Main

Range of Product

Modicon Quantum automation platform

Product or Component Type

Power supply module

Power supply type

Redundant

Complementary

Input voltage

115 V 93...138 V) AC 47...63 Hz

230 V 170...276 V) AC

Input current

1100 mA 115 V

600 mA 230 V

Inrush current

19 A 230 V

38 A 115 V

rated power in VA

130 VA

Associated fuse rating

2 A, slow-blow

Harmonic distortion

<= 10 % of fundamental rms value

Output voltage

5.1 V DC

Power supply output current

8 A 140 °F (60 °C) redundant

Output overvoltage protection

Internal

Output overload protection

Internal

Power dissipation

6 + (1.5 x Iout) where Iout is in A

Local signalling

1 LED (green) for power (PWR OK)

Marking

CE

Module format

Standard

Net Weight

1.43 lb(US) (0.65 kg)

Environment

Standards

UL 508

CSA C22.2 No 142

Product Certifications

cUL

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...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)

Ordering and shipping details

Category

US1PC2118155

Discount Schedule

PC21

GTIN

3595861126657

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

6.50 in (16.5 cm)

Package 1 Length

12.40 in (31.5 cm)

Package weight(Lbs)

27.4 oz (778.0 g)