

Schneider Service Manual

140CPS11420

3. Product Information

Schneider Electric 140CPS11420

Modicon Quantum, programmable logic controller, power supply, 115/230 VAC

140CPS11420

Specifications

Main

Range of Product

Modicon Quantum automation platform

Product or Component Type

Power supply module

Power supply type

Summable or standalone

Complementary

Input voltage

115 V 93...132 V) AC 47...63 Hz

230 V 170...276 V) AC

Input current

1300 mA 115 V

750 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

11 A 140 °F (60 °C) standalone

20 A 140 °F (60 °C) summable

Output overvoltage protection

Internal

Output overload protection

Internal

Power dissipation

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

Alarm output

1 NC 6 A 220 V power supply fault

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

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

3595862017107

Returnability

No

Packing Units

Unit Type of Package 1

PCE

Nbr. of units in pkg.

1

Package 1 Height

1.77 in (4.49 cm)

Package 1 Width

6.42 in (16.3 cm)

Package 1 Length

12.24 in (31.08 cm)

Package weight(Lbs)

27.7 oz (785.4 g)