

Product data sheet

Specifications



power supply module Modicon Quantum - 115 V/230 V AC - summable or standalone

140CPS11420

! Discontinued - Service only

! Discontinued on: Jan 15, 2023

! To be end-of-service on: Dec 31, 2030

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 at 115 V 750 mA at 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 60 °C standalone 20 A 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	0.65 kg

Environment

Standards	UL 508 CSA C22.2 No 142
Product Certifications	cUL
Resistance To Electrostatic Discharge	4 kV contact conforming to IEC 801-2 8 kV on air conforming to IEC 801-2
Resistance To Electromagnetic Fields	10 V/m 80...2000 MHz conforming to IEC 801-3

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Ambient Air Temperature For Operation	0...60 °C
Ambient Air Temperature For Storage	-40...85 °C
Relative Humidity	95 % without condensation
Operating Altitude	<= 5000 m

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	4.49 cm
Package 1 Width	16.3 cm
Package 1 Length	31.08 cm
Package 1 Weight	785.4 g
Unit Type Of Package 2	S03
Number Of Units In Package 2	7
Package 2 Height	30 cm
Package 2 Width	30 cm
Package 2 Length	40 cm
Package 2 Weight	6133.5 g
Unit Type Of Package 3	P12
Number Of Units In Package 3	168
Package 3 Height	95 cm
Package 3 Width	80 cm
Package 3 Length	120 cm
Package 3 Weight	156204 g

Contractual warranty

Warranty	18 months
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Sustainability

Green Premium™ label is Schneider Electric’s commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO₂ products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

[Learn more about Green Premium >](#)

[Guide to assess a product’s sustainability >](#)

Well-being performance



Mercury Free



Rohs Exemption Information

Yes

Eu Rohs Directive

Pro-active compliance (Product out of EU RoHS legal scope)

[EU RoHS Declaration](#)

China Rohs Regulation

[China RoHS declaration](#)

Weee

The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

Circularity Profile

[End of Life Information](#)

California Proposition 65

WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov

Dimensions Drawings

Racks for Modules Mounting

Dimensions of Modules and Racks

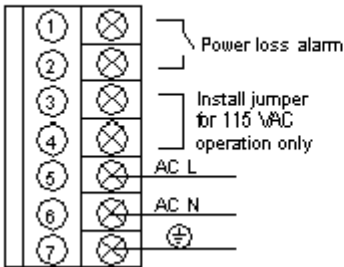


- (1) 2 slots
- (2) 3 slots
- (3) 4 slots
- (4) 6 slots
- (5) 10 slots
- (6) 16 slots

Connections and Schema

115/230 Vac, 11 A Summable Power Supply Module

Wiring Diagram



NOTE: A normally closed relay contact rated at 220 Vac, 6 A / 30 Vdc, 5 A is available on terminals 1 and 2 of the power terminal strip. This contact set may be used to signal input power OFF.