

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

140CPS12400

- ! Discontinued on: Dec 31, 2022
- ! To be end-of-service on: Dec 31, 2030

Product availability: Non-Stock - Not normally stocked in distribution facility

Main

Range Of Product	Modicon Quantum automation platform
Product Or Component Type	Power supply module
Power Supply Type	Redundant

Complementary

Input Voltage	115 V 93138 V) AC 4763 Hz 230 V 170276 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 lout) where lout is in A
Local Signalling	for power (PWR OK) 1 LED (green)
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

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

Resistance To Electromagnetic Fields	9.14 V/m (10 V/m) 802000 MHz IEC 801-3
Ambient Air Temperature For Operation	32140 °F (060 °C)
Ambient Air Temperature For Storage	-40185 °F (-4085 °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
Country Of Origin	CN

Packing Units

9	
Unit Type Of Package 1	PCE
Number Of Units In Package 1	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 1 Weight	27.44 oz (778.0 g)
Unit Type Of Package 2	S03
Number Of Units In Package 2	7
Package 2 Height	11.81 in (30.0 cm)
Package 2 Width	11.81 in (30.0 cm)
Package 2 Length	15.75 in (40.0 cm)
Package 2 Weight	12.01 lb(US) (5.446 kg)

Contractual warranty

Warranty 18 months

Sustainability

Green PremiumTM label is Schneider Electric's commitment to delivering products with best-inclass 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 >

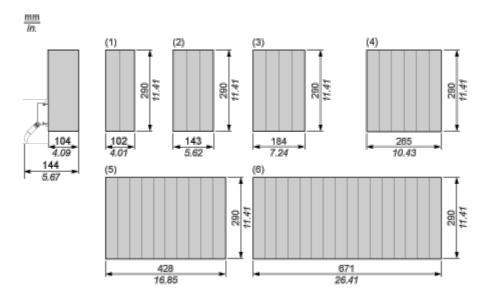
Well-being performance

0 1	
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

140CPS12400

Connections and Schema

115/230 Vac, 8 A Redundant Power Supply Module

Wiring Diagram

