

Product data sheet

Specifications



power supply module Modicon Quantum - 125 V DC 100..150 V - redundant - 8 A

140CPS52400

⚠ Discontinued - Service only

⚠ Discontinued on: Sep 15, 2023

⚠ To be end-of-service on: Dec 31, 2024

Product availability: Stock - 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	125 V 100...150 V) DC
Input Current	500 mA 125 V
Inrush Current	28 A 125 V
Maximum Input Power Interruption	1 ms
Associated Fuse Rating	2 A, slow-blow
Output Voltage	5.1 V DC
Power Supply Output Current	8 A redundant
Output Overvoltage Protection	Internal
Output Overload Protection	Internal
Power Dissipation	6 + (1.5 x Iout) where Iout 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	CSA C22.2 No 142 UL 508
Product Certifications	FM Class 1 Division 2 cUL
Resistance To Electrostatic Discharge	4 kV contact IEC 801-2 8 kV on air IEC 801-2
Resistance To Electromagnetic Fields	9.14 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)

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

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

Relative Humidity	95 % without condensation
Operating Altitude	<= 16404.2 ft (5000 m)

Ordering and shipping details

Category	US1PC2118155
Discount Schedule	PC21
Gtin	3595861137127
Returnability	No
Country Of Origin	CN

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	1.90 in (4.83 cm)
Package 1 Width	6.50 in (16.51 cm)
Package 1 Length	12.40 in (31.5 cm)
Package 1 Weight	2.01 lb(US) (0.91 kg)
Unit Type Of Package 2	S03
Number Of Units In Package 2	7
Package 2 Height	11.81 in (30 cm)
Package 2 Width	11.81 in (30 cm)
Package 2 Length	15.75 in (40 cm)
Package 2 Weight	14.99 lb(US) (6.8 kg)

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.

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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

125 Vdc/8 A Standalone/Redundant Power Supply Module

Wiring Diagram

