Product data sheet

Specifications



() Discontinued - Service only

power supply module Modicon Quantum - 24 V DC 20..30 V standalone

140CPS21100

- () 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	Standalone	

Complementary

Complementary		
Input Voltage	24 V 2030 V) DC	
Input Current	1600 mA	
Inrush Current	30 A	
Maximum Input Power Interruption	1 ms 20 V 20 ms 25 V	
Associated Fuse Rating	2.5 A, slow-blow	
Output Voltage	5.1 V DC	
Power Supply Output Current	0.33 A standalone	
Output Overvoltage Protection	Internal	
Output Overload Protection	Internal	
Power Dissipation	2 + (3 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	
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)	

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

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	3595861135222		
Returnability	No		
Country Of Origin	FR		

Packing Units

Unit Type Of Package 1	PCE	
Number Of Units In Package 1	1	
Package 1 Height	6.42 in (16.3 cm)	
Package 1 Width	1.77 in (4.5 cm)	
Package 1 Length	12.28 in (31.2 cm)	
Package 1 Weight	25.71 oz (729 g)	
Unit Type Of Package 2	\$03	
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	11.25 lb(US) (5.103 kg)	

Contractual warranty

Warranty

18 months

Sustainability

Green Premium[™] 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

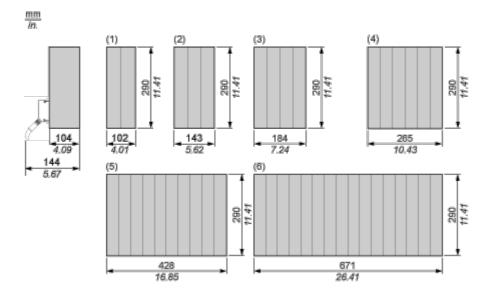
Mercury Free		
Rohs Exempti	on Information	Yes
Eu Rohs Directive		Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
China Rohs Regula	ation	China RoHS declaration
Weee		The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.
Circularity Profile		End of Life Information
California Proposi	tion 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

Product data sheet

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

24 Vdc/3 A Power Supply Module

Wiring Diagram

