Product data sheet

Specifications

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

(!) **Discontinued - Service only**

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

Input Voltage	24 V 20...30 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	0.3…3 A standalone
Output Overvoltage Protection	Internal
Output Overload Protection	Internal
Power Dissipation	2 + (3 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	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) 80…2000 MHz IEC 801-3
Ambient Air Temperature For Operation	32…140 °F (0…60 °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	-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	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	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	11.25 lb(US) (5.103 kg)

Contractual warranty

Warranty	18 months

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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

24 Vdc/3 A Power Supply Module

Wiring Diagram

Terminal	Assignment
1	Not used
2	Not used
3	-24 Vdc (Common)
4	+24 Vdc
5	Not used
6	Not used
7	(ground)