

Product datasheet

Specifications



power supply module Modicon Quantum - 125 V DC100..150 V standalone - 0.3..3 A

140CPS51100

⚠ Discontinued on: 31 Dec 2022

⚠ To be end-of-service on: 31 Dec 2030

⚠ To be discontinued

Price: 23,259.11 ZAR

Main

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

Complementary

Input Voltage	125 V (100...150 V) DC
Input Current	400 mA at 125 V
Inrush Current	10 A
Maximum Input Power Interruption	1 ms
Associated Fuse Rating	0.75 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 I _{out}) where I _{out} is in A
Local Signalling	1 LED (green) for power (PWR OK)
Marking	CE
Module Format	Standard
Net Weight	0.65 kg

Environment

Standards	CSA C22.2 No 142 UL 508
Product Certifications	cUL FM Class 1 Division 2
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
Ambient Air Temperature For Operation	0...60 °C
Ambient Air Temperature For Storage	-40...85 °C

Excluding VAT and subject to change. Please check with your local distributor through "Where to buy"

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	<= 5000 m

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	16.3 cm
Package 1 Width	4.5 cm
Package 1 Length	31.2 cm
Package 1 Weight	734 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

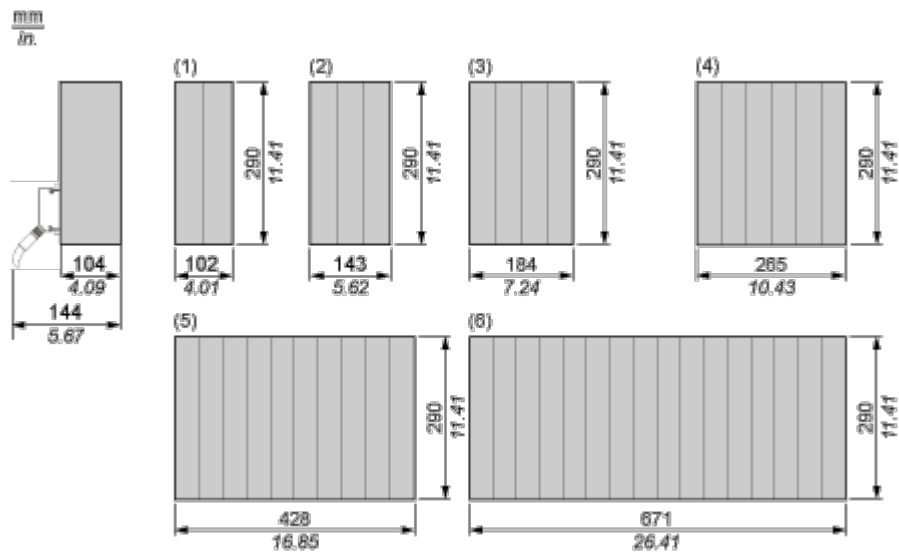
Circularity Profile

[End of Life Information](#)

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/3 A Power Supply Module

Wiring Diagram

