

Product data sheet

Specifications



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

140CPS12400

⚠ Discontinued - Service only

⚠ Discontinued on: 29/04/2020

⚠ To be end-of-service on: 31/12/2030

Main

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

Complementary

Input Voltage	115 V (93...138 V) AC 47...63 Hz 230 V (170...276 V) AC
Input Current	1100 mA at 115 V 600 mA at 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 60 °C redundant
Output Overvoltage Protection	Internal
Output Overload Protection	Internal
Power Dissipation	6 + (1.5 x Iout) where Iout is in A
Local Signalling	1 LED (green) for power (PWR OK)
Marking	CE
Module Format	Standard
Net Weight	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 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

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

Ambient Air Temperature For Storage	-40...85 °C
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	5.0 cm
Package 1 Width	16.5 cm
Package 1 Length	31.5 cm
Package 1 Weight	778.0 g
Unit Type Of Package 2	S03
Number Of Units In Package 2	7
Package 2 Height	30.0 cm
Package 2 Width	30.0 cm
Package 2 Length	40.0 cm
Package 2 Weight	5.446 kg

Contractual warranty

Warranty	18 months
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Sustainability



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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

115/230 Vac, 8 A Redundant Power Supply Module

Wiring Diagram

