Product data sheet
Characteristics

140CPS11100
power supply module Modicon Quantum - 120..230 V AC - standalone



Main

Range of Product	Modicon Quantum automation platform
Product or Component Type	Power supply module
Power supply type	Standalone

Complementary

Input voltage	120...230 V 100...276 V) AC 47…63 Hz
Input current	200 MA 230 V 400 mA 115 V
Inrush current	10 A 230 V 20 A 115 V
Rated power in VA	50 VA
Associated fuse rating	1.5 A, slow-blow
Harmonic distortion	<= 10 % of fundamental rms value
Output voltage	5.1 V DC
Power supply output current	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)
Ambient Air Temperature for Storage	-40…185 °F (-40…85 °C)
Relative Humidity	95 % without condensation
Operating altitude	<= 16404.2 ft (5000 m)

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein.
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.
It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof.
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Ordering and shipping details

Category	18155-QUANTUM I/O & POWER SUPPLIES
Discount Schedule	PC21
GTIN	3595861135208
Nbr. of units in pkg.	1
Package weight(Lbs)	23.46 oz (665.0 g)
Returnability	No
Country of origin	CN

Packing Units

Unit Type of Package 1	PCE
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)
Unit Type of Package 2	S03
Number of Units in Package 2	7
Package 2 Weight	10.02 lb(US) (4.543 kg)
Package 2 Height	11.81 in (30 cm)
Package 2 width	11.81 in (30 cm)
Package 2 Length	15.75 in (40 cm)

Offer Sustainability

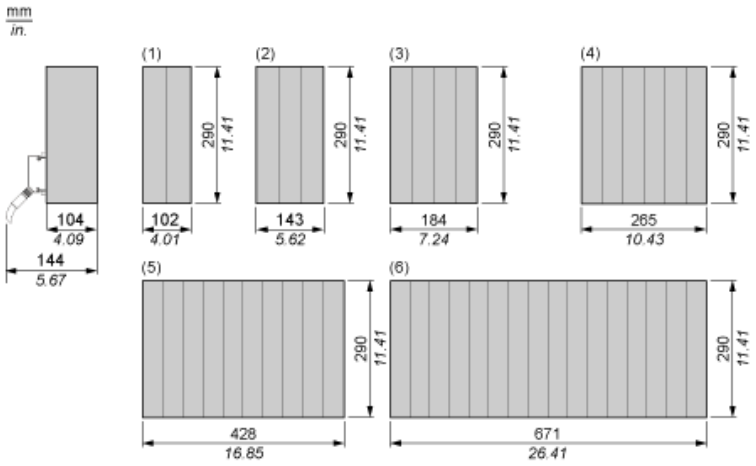
California proposition 65	WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	China RoHS Declaration
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End Of Life Information
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.

Contractual warranty

Warranty	18 months

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

115/230 Vac, 3 A Power Supply Module

Wiring Diagram

