

Product data sheet

Specifications



Modicon Quantum, programmable logic controller, power supply, 115/230 VAC

140CPS11420

⚠ To be discontinued

⚠ Discontinued on: 31 December 2022

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

Product availability : Stock - Normally stocked in distribution facility

Price* : 2,199.95 USD

Main

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

Complementary

Input voltage	115 V 93...132 V) AC 47...63 Hz 230 V 170...276 V) AC
Input current	1300 mA 115 V 750 mA 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	11 A 140 °F (60 °C) standalone 20 A 140 °F (60 °C) summable
Output overvoltage protection	Internal
Output overload protection	Internal
Power dissipation	6 + (1.5 x Iout) where Iout is in A
Alarm output	1 NC 6 A 220 V power supply fault
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
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* Price is “List Price” and may be subject to a trade discount – check with your local distributor or retailer for actual price.

Product Certifications	cUL
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)

Ordering and shipping details

Category	18155-QUANTUM I/O & POWER SUPPLIES
Discount Schedule	PC21
GTIN	3595862017107
Returnability	No
Country of origin	CN

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	1.77 in (4.49 cm)
Package 1 Width	6.42 in (16.3 cm)
Package 1 Length	12.24 in (31.08 cm)
Package 1 Weight	27.70 oz (785.4 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	216.35 oz (6133.5 g)
Unit Type of Package 3	P12
Number of Units in Package 3	168
Package 3 Height	37.40 in (95 cm)
Package 3 Width	31.50 in (80 cm)
Package 3 Length	47.24 in (120 cm)
Package 3 Weight	5509.84 oz (156204 g)

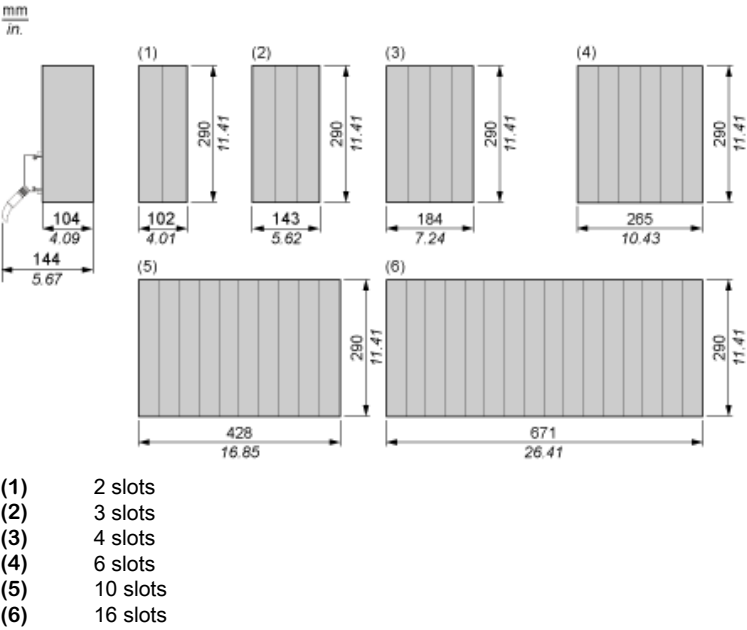
Offer Sustainability

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
China RoHS Regulation	China RoHS declaration

RoHS exemption information	Yes
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

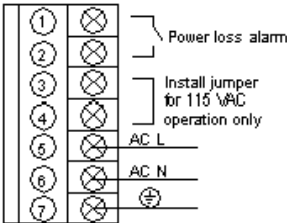
Racks for Modules Mounting

Dimensions of Modules and Racks



115/230 Vac, 11 A Summable Power Supply Module

Wiring Diagram



NOTE: A normally closed relay contact rated at 220 Vac, 6 A / 30 Vdc, 5 A is available on terminals 1 and 2 of the power terminal strip. This contact set may be used to signal input power OFF.

Recommended replacement(s)