

# Product data sheet

Specifications



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

140CPS11420

⚠ Discontinued - Service only

⚠ Discontinued on: Jan 15, 2023

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

**Product availability: Stock - Normally stocked in distribution facility**

### 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	1 LED (green) for power (PWR OK)
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
Resistance to electrostatic discharge	4 kV contact IEC 801-2 8 kV on air IEC 801-2

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

<b>Resistance to electromagnetic fields</b>	9.1 V/m (10 V/m) 80...2000 MHz IEC 801-3
<b>Ambient Air Temperature for Operation</b>	32...140 °F (0...60 °C)
<b>Ambient Air Temperature for Storage</b>	-40...185 °F (-40...85 °C)
<b>Relative Humidity</b>	95 % without condensation
<b>Operating altitude</b>	<= 16404.2 ft (5000 m)

## Ordering and shipping details

<b>Category</b>	US1PC2118155
<b>Discount Schedule</b>	PC21
<b>GTIN</b>	3595862017107
<b>Returnability</b>	Yes
<b>Country of origin</b>	US

## Packing Units

<b>Unit Type of Package 1</b>	PCE
<b>Nbr. of units in pkg.</b>	1
<b>Package 1 Height</b>	1.77 in (4.49 cm)
<b>Package 1 Width</b>	6.42 in (16.3 cm)
<b>Package 1 Length</b>	12.24 in (31.08 cm)
<b>Package weight(Lbs)</b>	27.7 oz (785.4 g)

## Contractual warranty

<b>Warranty</b>	18 months
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## Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing "Use Better, Use Longer, Use Again" campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

### Use Better

#### Materials and Substances

[EU RoHS Directive](#)

Pro-active compliance (Product out of EU RoHS legal scope)

SCIP Number

B9f7af54-f48c-4264-b9ca-0abb9b59c3ab

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](http://www.P65Warnings.ca.gov)

### Use Again

#### Repack and remanufacture

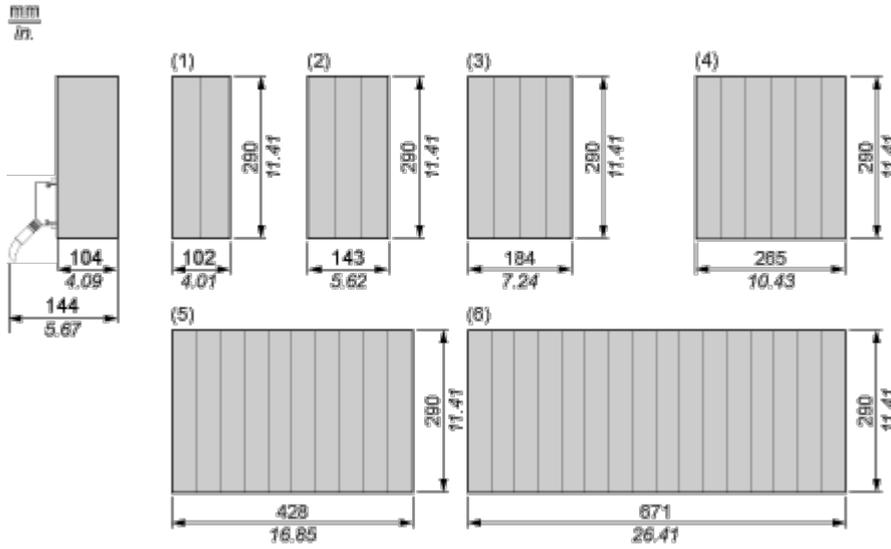
WEEE

 The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.

Dimensions Drawings

Racks for Modules Mounting

Dimensions of Modules and Racks



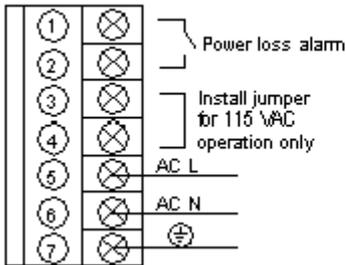
- (1) 2 slots
- (2) 3 slots
- (3) 4 slots
- (4) 6 slots
- (5) 10 slots
- (6) 16 slots

Connections and Schema

115/230 Vac, 11 A Summable Power Supply Module

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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.