

# Product data sheet

Specifications



## power supply module Modicon Quantum - 115 V/230 V AC - summable or standalone

140CPS11420

! To be discontinued on: 31 December 2022

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

! To be discontinued

### 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 at 115 V 750 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	11 A 60 °C standalone 20 A 60 °C summable
Output overvoltage protection	Internal
Output overload protection	Internal
Power dissipation	6 + (1.5 x I <sub>out</sub> ) where I <sub>out</sub> 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	0.65 kg

### Environment

Standards	UL 508 CSA C22.2 No 142
Product certifications	cUL
Resistance to electrostatic discharge	4 kV contact conforming to IEC 801-2 8 kV on air conforming to IEC 801-2

<b>Resistance to electromagnetic fields</b>	10 V/m 80...2000 MHz conforming to IEC 801-3
<b>Ambient air temperature for operation</b>	0...60 °C
<b>Ambient air temperature for storage</b>	-40...85 °C
<b>Relative humidity</b>	95 % without condensation
<b>Operating altitude</b>	<= 5000 m

## Packing Units

<b>Unit Type of Package 1</b>	PCE
<b>Number of Units in Package 1</b>	1
<b>Package 1 Weight</b>	785.4 g
<b>Package 1 Height</b>	4.49 cm
<b>Package 1 width</b>	16.3 cm
<b>Package 1 Length</b>	31.08 cm
<b>Unit Type of Package 2</b>	P12
<b>Number of Units in Package 2</b>	168
<b>Package 2 Weight</b>	156204.0 g
<b>Package 2 Height</b>	95 cm
<b>Package 2 width</b>	80 cm
<b>Package 2 Length</b>	120 cm
<b>Unit Type of Package 3</b>	S03
<b>Number of Units in Package 3</b>	7
<b>Package 3 Weight</b>	6133.5 g
<b>Package 3 Height</b>	30 cm
<b>Package 3 width</b>	30 cm
<b>Package 3 Length</b>	40 cm

## Offer Sustainability

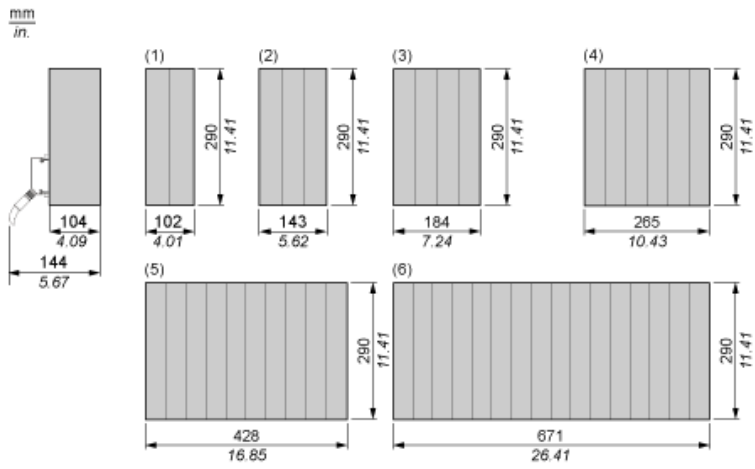
<b>EU RoHS Directive</b>	Pro-active compliance (Product out of EU RoHS legal scope) <a href="#">EU RoHS Declaration</a>
<b>Mercury free</b>	Yes
<b>RoHS exemption information</b>	<a href="#">Yes</a>
<b>China RoHS Regulation</b>	<a href="#">China RoHS declaration</a>
<b>Environmental Disclosure</b>	<a href="#">Product Environmental Profile</a>
<b>Circularity Profile</b>	<a href="#">End of Life Information</a>
<b>WEEE</b>	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
<b>California proposition 65</b>	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 <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>

## Contractual warranty

<b>Warranty</b>	18 months
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**Racks for Modules Mounting**

**Dimensions of Modules and Racks**

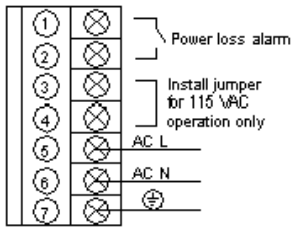


- (1) 2 slots
- (2) 3 slots
- (3) 4 slots
- (4) 6 slots
- (5) 10 slots
- (6) 16 slots

## 115/230 Vac, 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.

### Recommended replacement(s)

140CPS11420 is replaced by:

1x



power supply module X80 - 100..240 V AC  
BMXCPS4002