



## Main

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

## Complementary

Input voltage	24 V 20...30 V) DC
Input current	3800 mA
Inrush current	14 A 20 V 25 A 24 V
Maximum input power interruption	100 Ms 1 ms 20 V
Associated fuse rating	5 A, slow-blow
Output voltage	5.1 V DC
Power supply output current	8 A summable
Output overvoltage protection	Internal
Output overload protection	Internal
Power dissipation	6 + (1.8 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	CSA C22.2 No 142 UL 508
Product Certifications	cUL[RETURN]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)

## Ordering and shipping details

Category	18155-QUANTUM I/O & POWER SUPPLIES
Discount Schedule	PC21
GTIN	3595861000049
Returnability	No
Country of origin	CN

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	1.90 in (4.83 cm)
Package 1 Width	6.50 in (16.51 cm)
Package 1 Length	12.40 in (31.5 cm)
Package 1 Weight	1.74 lb(US) (0.79 kg)
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	217.60 oz (6169 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	5539.89 oz (157056 g)

## Offer Sustainability

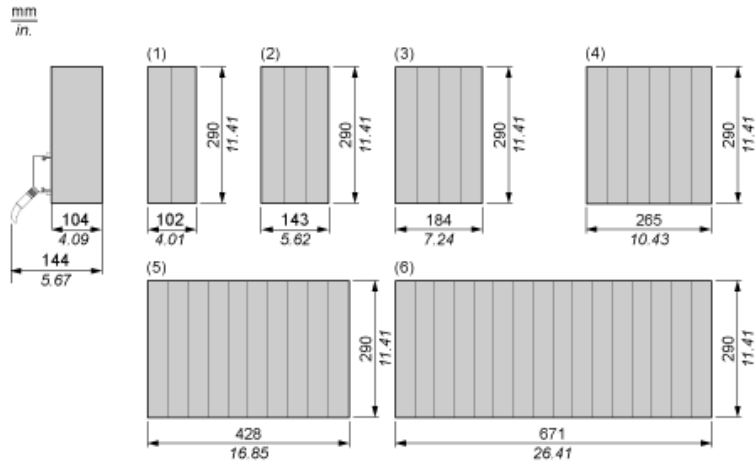
California proposition 65	WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) <a href="#">EU RoHS Declaration</a>
Mercury free	Yes
China RoHS Regulation	<a href="#">China RoHS Declaration</a>
RoHS exemption information	<a href="#">Yes</a>
Circularity Profile	<a href="#">End Of Life Information</a>
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
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Racks for Modules Mounting

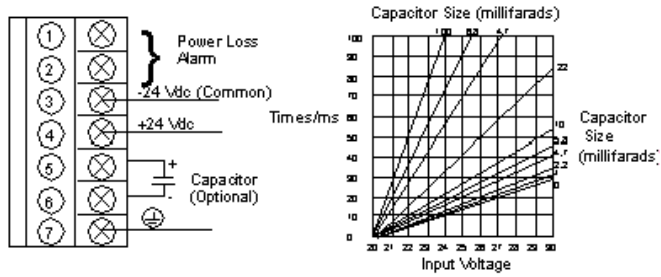
Dimensions of Modules and Racks



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

24 Vdc/8 A Summable Power Supply Module

Wiring Diagram and Hold-up Capacitor Timing Chart



NOTE: A normally closed relay contact rated at 220 Vac, 6A / 30 Vdc, 5A is available on terminals 1 and 2 of the power terminal strip. This contact set may be used to signal input power OFF. The relay will de-energize when input power drops below 8 Vdc.