Product data sheet Characteristics

140CPS21100

power supply module Modicon Quantum - 24 V DC 20..30 V - standalone





Main

Range of product	Modicon Quantum automation platform
Product or component type	Power supply module
Power supply type	Standalone

Complementary

Input voltage	24 V 2030 V) DC
Input current	1600 mA
Inrush current	30 A
Maximum input power interruption	1 Ms 20 V 20 ms 25 V
Associated fuse rating	2.5 A, slow-blow
Output voltage	5.1 V DC
Power supply output current	0.33 A standalone
Output overvoltage protection	Internal
Output overload protection	Internal
Power dissipation	2 + (3 x lout) where lout is in A
Local signalling	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) 802000 MHz IEC 801-3	
Ambient air temperature for operation	32140 °F (060 °C)	
Ambient air temperature for storage	-40185 °F (-4085 °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	00785901792345	
Nbr. of units in pkg.	1	
Package weight(Lbs)	1.57 lb(US) (0.71 kg)	
Returnability	No	
Country of origin	CN	

Packing Units

Package 1 Height	1.97 in (50.000 mm)
Package 1 width	6.50 in (165.000 mm)
Package 1 Length	12.20 in (310.000 mm)

Offer Sustainability

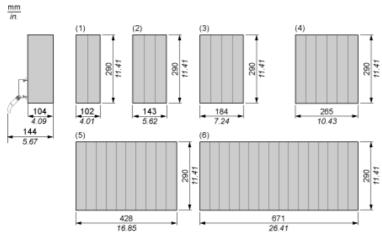
Sustainable offer status	Green Premium product
California proposition 65	WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EVEL 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



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

24 Vdc/3 A Power Supply Module

Wiring Diagram

