Product data sheet Characteristics

140CPS21400C

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



Product availability: Non-Stock - Not normally stocked in distribution facility

Price*: 2561.00 USD



Main

Commercial Status	Commercialised
Range of product	Modicon Quantum automation platform
Product or component type	Power supply module
Power supply type	Summable

Complementary

Input voltage	24 V DC 2030 V	
Input current	<= 3800 mA	
Inrush current	25 A 24 V	
	14 A 20 V	
Input power interruption	1 ms 20 V	
	<= 100 ms	
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 lout) where lout is in A	
Alarm output	1 NC 6 A 220 V power supply fault	
Local signalling	1 LED green power (PWR OK)	
Marking	CE	
Module format	Standard	
Product weight	1.43 lb(US) (0.65 kg)	

Environment

Protective treatment	Conformal coating Humiseal 1A33	
Standards	CSA C22.2 No 142 UL 508	
Product certifications	CUL FM Class 1 Division 2	
Resistance to electrostatic discharge	8 kV on air conforming to IEC 801-2 4 kV contact conforming to IEC 801-2	
Resistance to electromagnetic fields	9.14 V/yd (10 V/m) 802000 MHz conforming to IEC 801-3	
Ambient air temperature for operation	32140 °F (060 °C)	

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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	00785901146827	
Nbr. of units in pkg.	1	
Package weight(Lbs)	2.21	
Product availability	Non-Stock - Not normally stocked in distribution facility	
Returnability	N	
Country of origin	CN	

Offer Sustainability

Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 0901 - Schneider Electric declaration of conformity
REACh	Reference contains SVHC above the threshold - 🗗 go to CaP for more details
Product environmental profile	Available 🔁 Download Product Environmental Profile
Product end of life instructions	Need no specific recycling operations

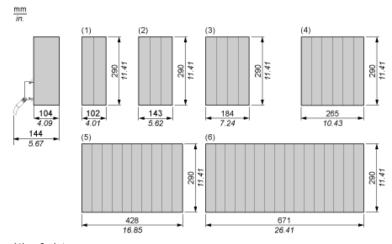
Contractual warranty

Period	18 months

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Racks for Modules Mounting

Dimensions of Modules and Racks



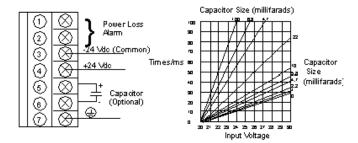
- 2 slots 3 slots (1) (2) (3)
- 4 slots
- 6 slots
- (4) (5) (6) 10 slots
- 16 slots

Product data sheet Connections and Schema

140CPS21400C

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.