Product data sheet Characteristics

140CPS21100C

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

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	1 LED (green) for power (PWR OK)	
Marking	CE	
Module format	Standard	
Net weight	0.65 kg	

Environment

Protective treatment	Conformal coating Humiseal 1A33	
Standards	CSA C22.2 No 142 UL 508	
Product certifications	FM Class 1 Division 2[RETURN]cUL	
Resistance to electrostatic discharge	4 KV contact conforming to IEC 801-2 8 kV on air conforming to IEC 801-2	
Resistance to electromagnetic fields	10 V/m 802000 MHz conforming to IEC 801-3	
Ambient air temperature for operation	060 °C	
Ambient air temperature for storage	-4085 °C	
Relative humidity	95 % without condensation	
Operating altitude	<= 5000 m	

Packing Units

Unit Type of Package 1	PCE	
Number of Units in Package 1	1	
Package 1 Height	16.3 cm	
Package 1 Width	4.5 cm	
Package 1 Length	31.2 cm	
Package 1 Weight	740.0 g	

Offer Sustainability

EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)
Mercury free	Yes
China RoHS Regulation	☐ China RoHS Declaration
RoHS exemption information	₫Yes
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

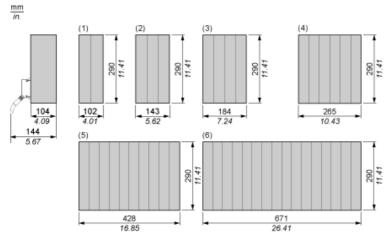
Contractual warranty

	,	
Warranty		18 months

140CPS21100C

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

140CPS21100C

24 Vdc/3 A Power Supply Module

Wiring Diagram

