

Product data sheet

Characteristics

140CPS51100C

power supply module Modicon Quantum - 125 V DC100..150 V standalone - 0.3..3 A



Main

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

Complementary

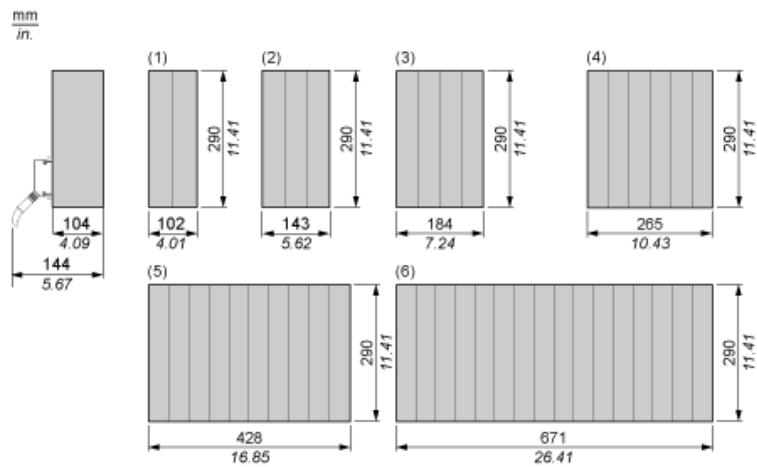
Input voltage	125 V DC 100...150 V
Input current	400 mA 125 V
Inrush current	10 A
Input power interruption	<= 1 ms
Associated fuse rating	0.75 A slow-blow
Output voltage	5.1 V DC
Power supply output current	0.3...3 A standalone
Output overvoltage protection	Internal
Output overload protection	Internal
Power dissipation	2 + (3 x Iout) where Iout is in A
Local signalling	1 LED green power (PWR OK)
Marking	CE
Module format	Standard
Product weight	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	10 V/m 80...2000 MHz conforming to IEC 801-3
Ambient air temperature for operation	0...60 °C
Ambient air temperature for storage	-40...85 °C
Relative humidity	95 % without condensation
Operating altitude	<= 5000 m

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

125 Vdc/3 A Power Supply Module

Wiring Diagram

