

Product data sheet

Specifications



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

140CPS51100C

! Discontinued on: 31 December 2021

! To be end-of-service on: 31 December 2029

! Discontinued - Service only

Main

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

Complementary

Input voltage	125 V (100...150 V) DC
Input current	400 mA at 125 V
Inrush current	10 A
Maximum 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) 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 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 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

Packing Units

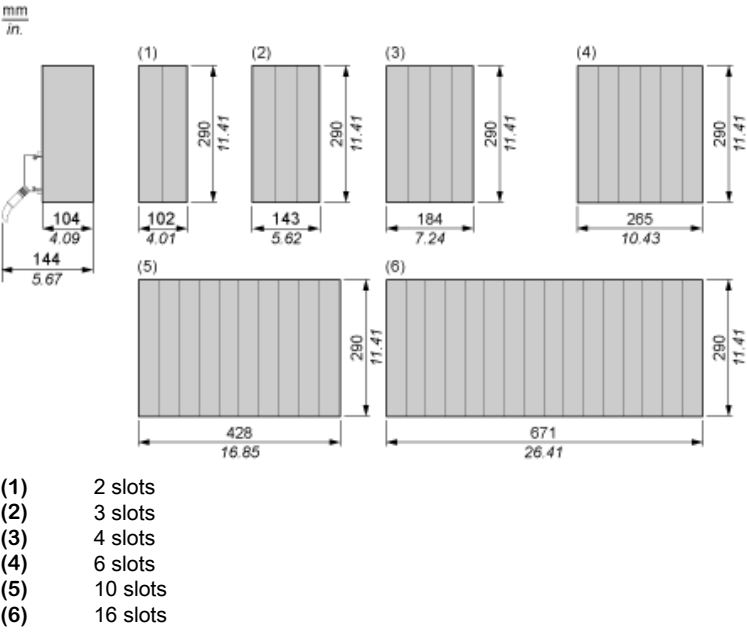
Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	5.0 cm
Package 1 Width	16.5 cm
Package 1 Length	31.0 cm
Package 1 Weight	692.0 g
Unit Type of Package 2	S02
Number of Units in Package 2	2
Package 2 Height	15.0 cm
Package 2 Width	30.0 cm
Package 2 Length	40.0 cm
Package 2 Weight	1.384 kg

Contractual warranty

Warranty	18 months
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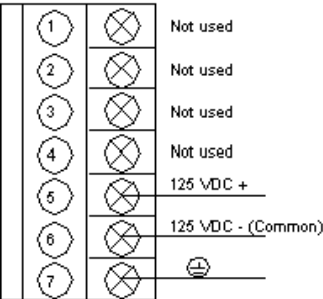
Racks for Modules Mounting

Dimensions of Modules and Racks



125 Vdc/3 A Power Supply Module

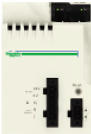
Wiring Diagram



Recommended replacement(s)

140CPS51100C is replaced by:

1x



power supply module X80 - 125 V DC - for extended temperature
BMXCPS3540T