

Product Datasheet

Characteristic

140CPS11100C

power supply module Modicon
Quantum - 120..230 V AC - standalone



Main

range of product	Modicon Quantum automation platform
product or component type	power supply module
power supply type	standalone

Complementary

input voltage	120...230 V AC 100...276 V 47...63 Hz
input current	200 mA 230 V 400 mA 115 V
inrush current	10 A 230 V 20 A 115 V
rated power in VA	50 VA
associated fuse rating	1.5 A slow-blow
harmonic distortion	<= 10 % of fundamental rms value
output voltage	5.1 V DC
power supply output current	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	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	4 kV contact conforming to IEC 801-2 8 kV on air conforming to IEC 801-2
resistance to electromagnetic fields	9.14 V/yd (10 V/m) 80...2000 MHz conforming to IEC 801-3

ambient air temperature for operation	32...140 °F (0...60 °C)
ambient air temperature for storage	-40...185 °F (-40...85 °C)
relative humidity	95 % without condensation
operating altitude	<= 16404.2 ft (5000 m)

Offer Sustainability

Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 0851 -
REACH	Reference contains SVHC above the threshold -
Product environmental profile	Available
Product end of life instructions	Available

Contractual warranty

Warranty period	18 months
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