MANUFACTURER DOCUMENT PACKAGE

Manufacturer's Manual

Reference package for procurement and maintenance review

SCHNEIDER ELECTRIC

140CPS11100

QUANTUM 120/230 V AC POWER SUPPLY MODULE

Used with the applicable Modicon Quantum configuration.

REFERENCE PACKAGE

OFFICIAL DOCUMENT

Complete official manufacturer PDF follows this cover.

Source: Schneider Electric official technical documentation for 140CPS11100

Product data sheet
Characteristics

140CPS11100
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
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

Standards	CSA 22-2 No 142 UL 508
Product certifications	FM Class 1 Division 2 CUL
Resistance to electrostatic discharge	4 kV contact IEC 801-2 8 kV on air IEC 801-2
Resistance to electromagnetic fields	10 V/m 80...2000 MHz 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
RoHS EUR conformity date	0851
RoHS EUR status	Compliant

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