

Main

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

Complementary

Input voltage	24 V DC 20...30 V
Input current	≤ 3800 mA
Inrush current	14 A 20 V 25 A 24 V
Input power interruption	1 ms 20 V ≤ 100 ms
Associated fuse rating	5 A slow-blow
Output voltage	5.1 V DC
Power supply output current	8 A
Output overvoltage protection	Internal
Output overload protection	2.3 x maximum rated input voltage for 1.3 ms
Power dissipation	6 + (1.8 x I _{out}) where I _{out} is in A
Alarm output	1 NC 6 A 220 V power supply fault
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	3Q2009
RoHS EUR status	Will be compliant