



Main

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

Complementary

| | |
|-------------------------------|--|
| Input voltage | 230 V AC 170...276 V 115 V AC 93...138 V 47...63 Hz |
| Input current | 1100 mA 115 V 600 mA 230 V |
| Inrush current | 19 A 230 V 38 A 115 V |
| Rated power in VA | 130 VA |
| Associated fuse rating | 2 A slow-blow |
| Harmonic distortion | <= 10 % of fundamental rms value |
| Output voltage | 5.1 V DC |
| Power supply output current | 11 A 60 °C standalone 10 A 60 °C redundant |
| Output overvoltage protection | Internal |
| Output overload protection | Internal |
| Power dissipation | 6 + (1.5 x Iout) where Iout 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

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|----------------------|---------------------------------|
| Protective treatment | Conformal coating Humiseal 1A33 |
|----------------------|---------------------------------|

140CPS12420C

| | |
|---------------------------------------|---|
| Standards | UL 508 CSA C22.2 No 142 |
| Product certifications | 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 |

Offer Sustainability

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|----------------------------------|---|
| Sustainable offer status | Green Premium product |
| RoHS (date code: YYWW) | Compliant - since 0851 - Schneider Electric declaration of conformity Schneider Electric declaration of conformity |
| REACH | Reference not containing SVHC above the threshold Reference not containing SVHC above the threshold |
| Product environmental profile | Available End of life manual |
| Product end of life instructions | Available |

Contractual warranty

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|-----------------|-----------|
| Warranty period | 18 months |
|-----------------|-----------|

Racks for Modules Mounting

Dimensions of Modules and Racks

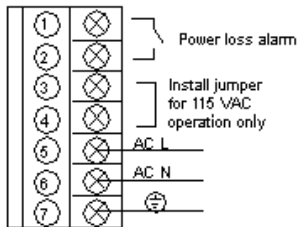


- (1) 2 slots
- (2) 3 slots
- (3) 4 slots
- (4) 6 slots
- (5) 10 slots
- (6) 16 slots

140CPS12420C

115/230 Vac, 11 A Redundant Power Supply Module

Wiring Diagram



NOTE: A normally closed relay contact rated at 220 Vac, 6 A / 30 Vdc, 5 A is available on terminals 1 and 2 of the power terminal strip. This contact set may be used to signal input power OFF. The relay will de-energize when input power drops below 8 Vdc.