

Product datasheet

Specifications



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

140CPS11100

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 (100...276 V) AC 47...63 Hz |
| Input current | 200 mA at 230 V 400 mA at 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 I _{out}) where I _{out} is in A |
| Local signalling | 1 LED (green) for power (PWR OK) |
| Marking | CE |
| Module format | Standard |
| Net weight | 0.65 kg |

Environment

| | |
|---------------------------------------|---|
| Standards | UL 508 CSA C22.2 No 142 |
| 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 | 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 Weight | 665 g |
| Package 1 Height | 163 mm |
| Package 1 width | 45 mm |
| Package 1 Length | 312 mm |
| Unit Type of Package 2 | S03 |
| Number of Units in Package 2 | 7 |
| Package 2 Weight | 4.543 kg |
| Package 2 Height | 30 cm |
| Package 2 width | 30 cm |
| Package 2 Length | 40 cm |

Offer Sustainability

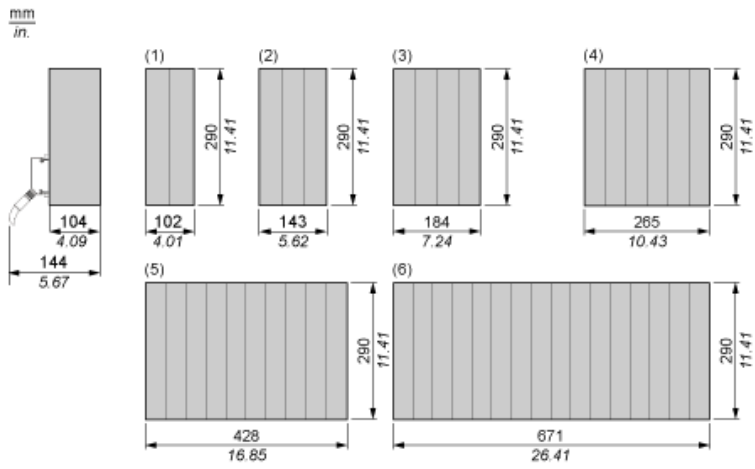
| | |
|----------------------------|---|
| EU RoHS Directive | Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration |
| Mercury free | Yes |
| RoHS exemption information | Yes |
| China RoHS Regulation | China RoHS declaration |
| Environmental Disclosure | Product Environmental Profile |
| Circularity Profile | End of Life Information |
| WEEE | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins |

Contractual warranty

| | |
|----------|-----------|
| Warranty | 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

115/230 Vac, 3 A Power Supply Module

Wiring Diagram

