

Product data sheet

Specifications



power supply module Modicon Quantum - 125 V DC 100..150 V - redundant - 8 A

140CPS52400

⚠ Discontinued on: Dec 31, 2022

⚠ To be end-of-service on: Dec 31, 2030

⚠ Discontinued

Main

| | |
|---------------------------|-------------------------------------|
| Range Of Product | Modicon Quantum automation platform |
| Product Or Component Type | Power supply module |
| Power Supply Type | Redundant |

Complementary

| | |
|----------------------------------|-------------------------------------|
| Input Voltage | 125 V (100...150 V) DC |
| Input Current | 500 mA at 125 V |
| Inrush Current | 28 A 125 V |
| Maximum Input Power Interruption | 1 ms |
| Associated Fuse Rating | 2 A, slow-blow |
| Output Voltage | 5.1 V DC |
| Power Supply Output Current | 8 A redundant |
| Output Overvoltage Protection | Internal |
| Output Overload Protection | Internal |
| Power Dissipation | 6 + (1.5 x Iout) where Iout is in A |
| Local Signalling | 1 LED (green) for power (PWR OK) |
| Marking | CE |
| Module Format | Standard |
| Net Weight | 0.65 kg |

Environment

| | |
|---------------------------------------|---|
| Standards | CSA C22.2 No 142 UL 508 |
| Product Certifications | FM Class 1 Division 2 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 |

List Price displayed is VAT EXCLUSIVE.

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

| | |
|--------------------|-----------|
| Operating Altitude | <= 5000 m |
|--------------------|-----------|

Packing Units

| | |
|------------------------------|----------|
| Unit Type Of Package 1 | PCE |
| Number Of Units In Package 1 | 1 |
| Package 1 Height | 4.83 cm |
| Package 1 Width | 16.51 cm |
| Package 1 Length | 31.5 cm |
| Package 1 Weight | 0.91 kg |
| Unit Type Of Package 2 | S03 |
| Number Of Units In Package 2 | 7 |
| Package 2 Height | 30 cm |
| Package 2 Width | 30 cm |
| Package 2 Length | 40 cm |
| Package 2 Weight | 6.8 kg |

Contractual warranty

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

Sustainability

Green Premium™ label is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO₂ products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

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[Guide to assess a product's sustainability >](#)

Well-being performance



Mercury Free



Rohs Exemption Information

Yes

Eu Rohs Directive

Pro-active compliance (Product out of EU RoHS legal scope)

[EU RoHS Declaration](#)

China Rohs Regulation

[China RoHS declaration](#)

Weee

The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

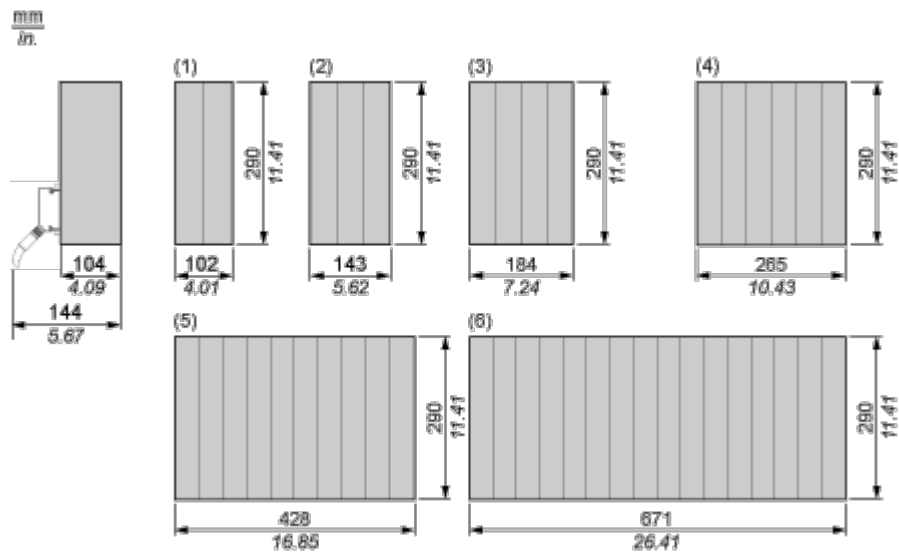
Circularity Profile

[End of Life Information](#)

Dimensions Drawings

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

Connections and Schema

125 Vdc/8 A Standalone/Redundant Power Supply Module

Wiring Diagram

