

# Product data sheet

Specifications



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

140CPS52400

! Discontinued - Service only

! Discontinued on: Sep 15, 2023

! To be end-of-service on: Dec 31, 2024

Product availability: Stock - Normally stocked in distribution facility

### 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 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                 | for power (PWR OK) 1 LED (green)    |
| Marking                          | CE                                  |
| Module Format                    | Standard                            |
| Net Weight                       | 1.43 lb(US) (0.65 kg)               |

### Environment

|                                       |   |
|---------------------------------------|---|
| Standards                             | CSA C22.2 No 142<br>UL 508                      |
| Product Certifications                | FM Class 1 Division 2<br>cUL                    |
| Resistance To Electrostatic Discharge | 4 kV contact IEC 801-2<br>8 kV on air IEC 801-2 |
| Resistance To Electromagnetic Fields  | 9.14 V/m (10 V/m) 80...2000 MHz IEC 801-3       |
| Ambient Air Temperature For Operation | 32...140 °F (0...60 °C)                         |
| Ambient Air Temperature For Storage   | -40...185 °F (-40...85 °C)                      |

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

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

|                    |                           |
|--------------------|---------------------------|
| Relative Humidity  | 95 % without condensation |
| Operating Altitude | <= 16404.2 ft (5000 m)    |

## Ordering and shipping details

|                   |               |
|-------------------|---------------|
| Category          | US1PC2118155  |
| Discount Schedule | PC21          |
| Gtin              | 3595861137127 |
| Returnability     | No            |
| Country Of Origin | CN            |

## Packing Units

|                              |                       |
|------------------------------|-----------------------|
| Unit Type Of Package 1       | PCE                   |
| Number Of Units In Package 1 | 1                     |
| Package 1 Height             | 1.90 in (4.83 cm)     |
| Package 1 Width              | 6.50 in (16.51 cm)    |
| Package 1 Length             | 12.40 in (31.5 cm)    |
| Package 1 Weight             | 2.01 lb(US) (0.91 kg) |
| Unit Type Of Package 2       | S03                   |
| Number Of Units In Package 2 | 7                     |
| Package 2 Height             | 11.81 in (30 cm)      |
| Package 2 Width              | 11.81 in (30 cm)      |
| Package 2 Length             | 15.75 in (40 cm)      |
| Package 2 Weight             | 14.99 lb(US) (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-CO<sub>2</sub> products.

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

[Learn more about Green Premium >](#)

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

## Well-being performance

|  |   |
|--|---|
|  Mercury Free               |   |
|  Rohs Exemption Information | <a href="#">Yes</a>   |
| Eu Rohs Directive  | Pro-active compliance (Product out of EU RoHS legal scope)<br><a href="#">EU RoHS Declaration</a>   |
| China Rohs Regulation  | <a href="#">China RoHS declaration</a>  |
| Weee   | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.  |
| Circularity Profile  | <a href="#">End of Life Information</a>   |
| California Proposition 65  | WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a> |

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

