

# Product data sheet

## Characteristics

# 140CPS52400

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

Product availability : Stock - Normally stocked in distribution facility

Price\* : 2945.15 USD



### Main

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

### Complementary

|                               |                                     |
|-------------------------------|-------------------------------------|
| Input voltage                 | 125 V DC 100...150 V                |
| Input current                 | 500 mA 125 V                        |
| Inrush current                | 28 A 125 V                          |
| 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 power (PWR OK)          |
| Marking                       | CE                                  |
| Module format                 | Standard                            |
| Product 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 conforming to IEC 801-2 |

|                                       |  |
|---------------------------------------|--|
|                                       | 8 kV on air conforming to IEC 801-2                      |
| Resistance to electromagnetic fields  | 9.14 V/yd (10 V/m) 80...2000 MHz conforming to 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)                               |
| Relative humidity                     | 95 % without condensation                                |
| Operating altitude                    | <= 16404.2 ft (5000 m)                                   |

### Ordering and shipping details

|                       |                                      |
|-----------------------|--------------------------------------|
| Category              | 18155 - QUANTUM I/O & POWER SUPPLIES |
| Discount Schedule     | PC21                                 |
| GTIN                  | 00785901326830                       |
| Nbr. of units in pkg. | 1                                    |
| Package weight(Lbs)   | 1.99                                 |
| Returnability         | Y                                    |
| Country of origin     | CN                                   |

### Offer Sustainability

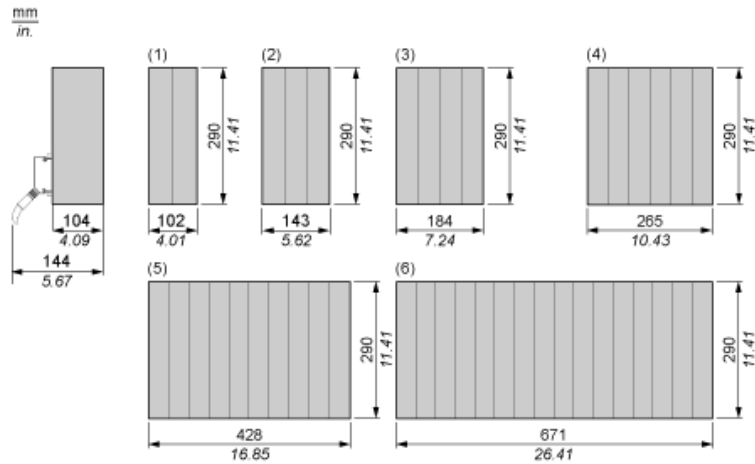
|                                  |   |
|----------------------------------|---|
| Sustainable offer status         | Green Premium product   |
| RoHS (date code: YYWW)           | Compliant - since 0901 - Schneider Electric declaration of conformity<br><a href="#">Schneider Electric declaration of conformity</a> |
| REACH                            | Reference not containing SVHC above the threshold<br><a href="#">Reference not containing SVHC above the threshold</a>                |
| Product environmental profile    | Available   |
| Product end of life instructions | Available   |

### Contractual warranty

|                 |           |
|-----------------|-----------|
| 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

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125 Vdc/8 A Standalone/Redundant Power Supply Module

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Wiring Diagram

