



Main

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

Complementary

| | |
|----------------------------------|--|
| Input voltage | 24 V 20...30 V) DC |
| Input current | 3800 mA |
| Inrush current | 14 A 20 V 25 A 24 V |
| Maximum input power interruption | 100 Ms 1 ms 20 V |
| Associated fuse rating | 5 A, slow-blow |
| Output voltage | 5.1 V DC |
| Power supply output current | 8 A redundant |
| Output overvoltage protection | Internal |
| Output overload protection | 2.3 x maximum rated input voltage for 1.3 ms |
| Power dissipation | 6 + (1.8 x I _{out}) where I _{out} is in A |
| Alarm output | 1 NC 6 A 220 V power supply fault |
| Local signalling | Power (PWR OK) 1 LED green) |
| Marking | CE |
| Module format | Standard |
| Net Weight | 1.43 lb(US) (0.65 kg) |

Environment

| | |
|---------------------------------------|---|
| Protective treatment | Conformal coating Humiseal 1A33 |
| Standards | UL 508 CSA C22.2 No 142 |
| Product certifications | CUL FM Class 1 Division 2 |
| Resistance to electrostatic discharge | 4 KV contact IEC 801-2 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) |
| Relative humidity | 95 % without condensation |
| Operating altitude | <= 16404.2 ft (5000 m) |

The information provided in this documentation contains general descriptions and/or technical characteristics of the products of the performance of the products contained herein. 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. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

Ordering and shipping details

| | |
|-----------------------|--------------------------------------|
| Category | 18155 - QUANTUM I/O & POWER SUPPLIES |
| Discount Schedule | PC21 |
| GTIN | 00785901458999 |
| Nbr. of units in pkg. | 1 |
| Package weight(Lbs) | 2.21 lb(US) (1.00 kg) |
| Returnability | No |
| Country of origin | CN |

Packing Units

| | |
|------------------|-----------------------|
| Package 1 Height | 1.97 in (50.000 mm) |
| Package 1 width | 6.50 in (165.000 mm) |
| Package 1 Length | 12.20 in (310.000 mm) |

Offer Sustainability

| | |
|----------------------------|---|
| Sustainable offer status | Green Premium product |
| 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 www.P65Warnings.ca.gov |
| 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

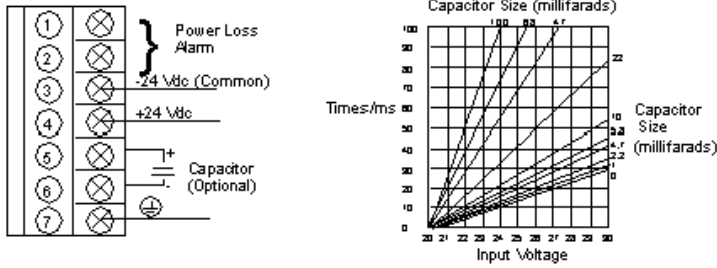
Dimensions of Modules and Racks



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

24 Vdc/8 A Redundant Power Supply Module

Wiring Diagram and Hold-up Capacitor Timing Chart



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