



## Main

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

## Complementary

|                               |                                     |
|-------------------------------|-------------------------------------|
| Input voltage                 | 24 V DC 20...30 V                   |
| Input current                 | <= 3800 mA                          |
| Inrush current                | 14 A 20 V<br>25 A 24 V              |
| Input power interruption      | <= 100 ms<br>1 ms 20 V              |
| Associated fuse rating        | 5 A slow-blow                       |
| Output voltage                | 5.1 V DC                            |
| Power supply output current   | 8 A summable                        |
| Output overvoltage protection | Internal                            |
| Output overload protection    | Internal                            |
| Power dissipation             | 6 + (1.8 x Iout) where Iout is in A |
| Alarm output                  | 1 NC 6 A 220 V power supply fault   |
| 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                | CUL<br>FM Class 1 Division 2                                                |
| resistance to electrostatic discharge | 4 kV contact conforming to IEC 801-2<br>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)                                                      |

## Offer Sustainability

|                                                                       |                                                                       |
|-----------------------------------------------------------------------|-----------------------------------------------------------------------|
| Green Premium product                                                 | Green Premium product                                                 |
| Compliant - since 0901 - Schneider Electric declaration of conformity | Compliant - since 0901 - Schneider Electric declaration of conformity |
| Reference not containing SVHC above the threshold                     | Reference not containing SVHC above the threshold                     |
| Available                                                             | Available                                                             |

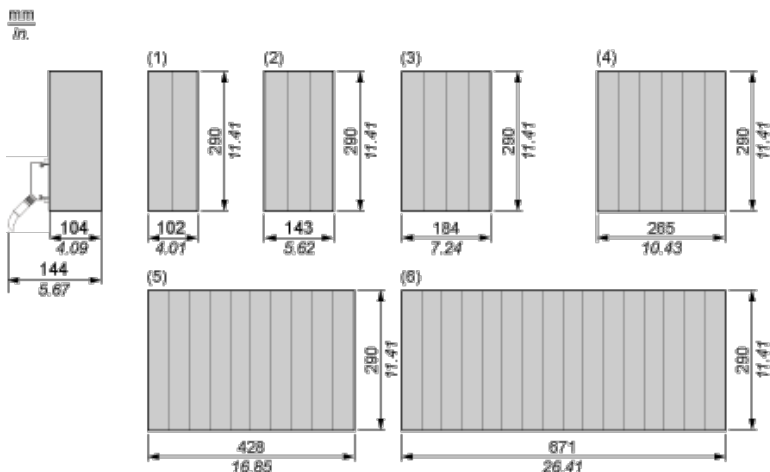
|                                                                                                                                 |                                                                                                                                 |
|---------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| Available                                                                                                                       | Available                                                                                                                       |
| WARNING: This product can expose you to chemicals including:                                                                    | 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. | 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>                                   | For more information go to <a href="http://www.p65warnings.ca.gov">www.p65warnings.ca.gov</a>                                   |

### Contractual warranty

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

## Racks for Modules Mounting

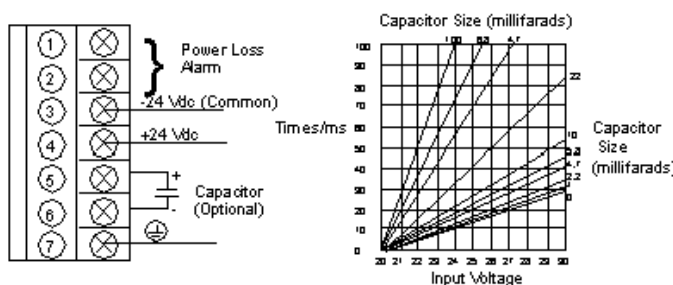
### Dimensions of Modules and Racks



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

## 24 Vdc/8 A Summable 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. The relay will de-energize when input power drops below 8 Vdc.