

# Product data sheet

## Characteristics

# 140CPS41400

## power supply module Modicon Quantum - 48..60 V DC - summable

Product availability : Stock - Normally stocked in distribution facility



Price\* : 3272.90 USD



### Main

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

### Complementary

Input voltage	48...60 V DC 48...60 V
Input current	<= 3800 mA
Inrush current	14 A 40 V
Input power interruption	13 ms 48 V
Associated fuse rating	2 A time-lag
Output voltage	5.1 V DC
Power supply output current	8 A summable
Output overvoltage protection	Internal
Output overload protection	Internal
Power dissipation	15.6 W
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 UL 508
Product certifications	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	00785901147435
Nbr. of units in pkg.	1
Package weight(Lbs)	2.21
Returnability	N
Country of origin	CN

### Offer Sustainability

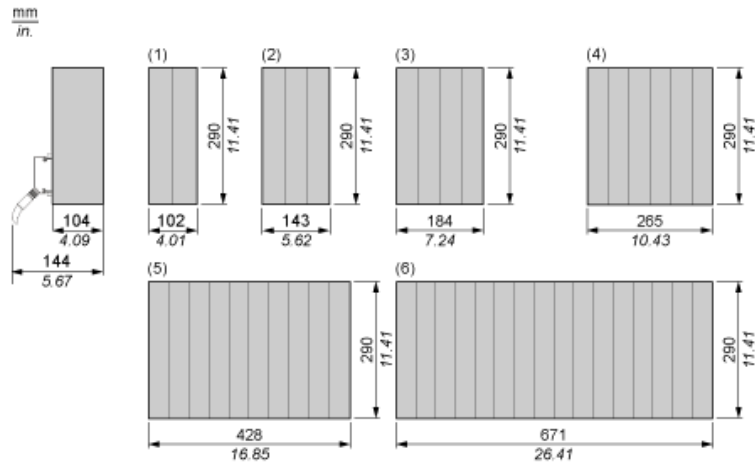
Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 0901 - Schneider Electric declaration of conformity <a href="#">Schneider Electric declaration of conformity</a>
REACH	Reference not containing SVHC above the threshold <a href="#">Reference not containing SVHC above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

### Contractual warranty

Warranty period	18 months
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Racks for Modules Mounting

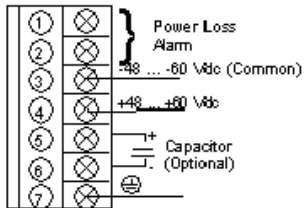
Dimensions of Modules and Racks



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

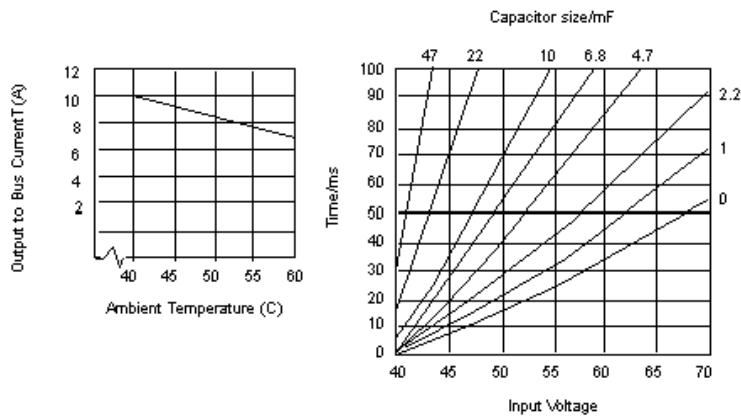
48 Vdc/8 A Summable Power Supply Module

Wiring Diagram



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.

Operating Curve and Hold-up Capacitor Timing Chart



NOTE: Tolerance to input interruptions may be increased by adding a  $\geq 80$  Vdc electrolytic capacitor between 5 and 6 of the power terminal strip. Refer to the hold-up capacitor timing chart (above) for capacitor values.