

# Product data sheet

Specifications



## Unity processor Modicon Quantum - 1024 kB - 266 MHz

140CPU65160S

⚠ Discontinued on: Jan 23, 2021

Product availability: Non-Stock - Not normally stocked in distribution facility

⚠ Discontinued

### Main

Range Of Product	Modicon Quantum automation platform
Product Or Component Type	Unity safety processor
Software Designation	Unity Pro XL safety
Backup Type	Lithium battery 990XCP98000

### Complementary

Clock Frequency	266 MHz
Number Of Slots	2 4 6 16 10 3
Number Of Racks	1 - local
Number Of Remote I/O Station	31 - 1 remote
Discrete I/O Number	Unlimited (13 slots max) - local - forbidden in Hot Standby application 31744 inputs, 31744 outputs - remote
Analogue I/O Number	Unlimited (26 slots max) - local - forbidden in Hot Standby application 1984 inputs, 1984 outputs - remote
Number Of Optional Modules	6 Ethernet 140NOE77111
Maximum Number Of Connections	1 Modbus Plus - local 1 Modbus RS232/485 Modbus/ASCII 1 USB - local 6 Ethernet TCP/IP - local
Integrated Connection Type	1 Ethernet TCP/IP local 1 Modbus local 1 Modbus Plus local 1 USB local
Checks	Process control
Memory Description	Expandable 7168 kB - program with PCMCIA card Expandable 8 MB - file storage with PCMCIA card Internal RAM 1024 kB
Switch Function	Key switch memory port on/off
Application Structure	1 cyclic/periodic master task
Execution Time Per Instruction	0.09...0.12 µs on word 0.105...0.15 µs Boolean 0.96...1.02 µs on fixed-point arithmetic
Execution Time For 1 Kinstruction	5.03 65 % Boolean and 35 % numerical 5.14 100 % Boolean

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

System Overhead	1.5 ms master task
Bus Current Requirement	2760 mA
Maximum Supply Current	90 A 140 °F (60 °C) lithium battery 60 µA lithium battery
[Us] Rated Supply Voltage	3 V DC lithium battery
Battery Capacity	1200 Ah
Battery Life	10 year(s)
Display Type	LCD 2 lines of 16 characters
Local Signalling	for Ethernet activity (COM) 1 LED (green) for Ethernet collision (ERR) 1 LED (red)
Electrical Connection	1 female connector SUB-D 9 for connecting to the Modbus Plus network 1 female connector USB type B for connecting to PC 2 connectors RJ45 for connecting Modbus bus
Marking	CE

## Environment

Product Certifications	CSA C-tick TÜV Rheinland (SIL3) CSA HazLoc
------------------------	---

## Ordering and shipping details

Category	US1PC2118151
Discount Schedule	PC21
Gtin	3595863954067
Returnability	No
Country Of Origin	FR

## Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	4.33 in (11.0 cm)
Package 1 Width	7.28 in (18.5 cm)
Package 1 Length	12.80 in (32.5 cm)
Package 1 Weight	3.06 lb(US) (1.39 kg)
Unit Type Of Package 2	S04
Number Of Units In Package 2	6
Package 2 Height	11.81 in (30.0 cm)
Package 2 Width	15.75 in (40.0 cm)
Package 2 Length	23.62 in (60.0 cm)
Package 2 Weight	18.39 lb(US) (8.34 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 >](#)

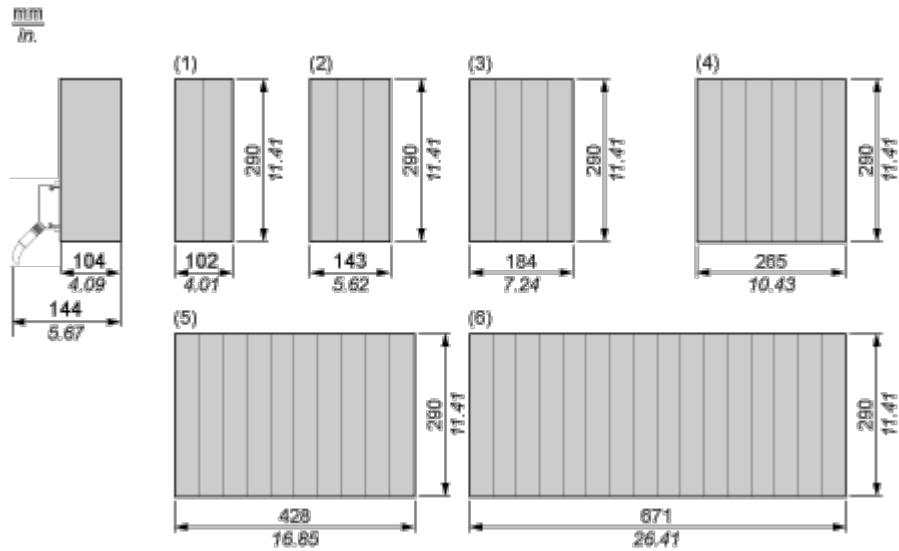
## Well-being performance

	Mercury Free	
	Rohs Exemption Information	<a href="#">Yes</a>
Eu Rohs Directive	Pro-active compliance (Product out of EU RoHS legal scope) <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>	

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