Product data sheet

Specifications



Discontinued - Service only

Unity processor, Modicon Quantum automation platform, Modbus Plus, 768kB RAM, 166MHz

140CPU65150

Discontinued on: Dec 31, 2018

End-of-service on: Dec 18, 2025

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

Main

Range of Product	Modicon Quantum automation platform
Product or Component Type	Unity processor

Complementary

Clock frequency	166 MHz
Number of slots	10 16 6 4 2
Number of racks	2 - local
Number of distributed I/O station	63 1 3 Modbus Plus
Number of remote I/O station	31 - 2 S908 remote I/O 31 - 2 ethernet Quantum remote I/O 16 - 2 ethernet X80 remote I/O
Discrete I/O number	31744 inputs, 31744 outputs - remote 8000 inputs, 8000 outputs - distributed - per network Modbus Plus Unlimited (26 slots max) - local Unlimited (31 drops of 28 slots max) - ethernet remote I/O
Analogue I/O number	500 inputs, 500 outputs - distributed - per network Modbus Plus 1984 inputs,1984 outputs - S908 remote I/O Unlimited (26 slots max) - local Unlimited (31 drops of 28 slots max) - ethernet remote I/O
Application specific I/O	Accurate time stamping Serial link High-speed interrupt inputs Counter
Communication Service	Ethernet router
Number of optional modules	6 Ethernet, Modbus, Modbus Plus, Profibus DP, Sy/Max)
Maximum number of connections	1 USB 2 AS-Interface - distributed 4 AS-Interface - remote 6 Ethernet TCP/IP - local 6 Modbus Plus - local 6 Profibus DP - local 1 Modbus RS232/485 Modbus/ASCII)
Integrated connection type	1 Modbus Plus 1 Ethernet TCP/IP 1 Modbus 1 USB

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

Checks	Process control
Memory description	Expandable 7168 kB - program with PCMCIA card Expandable 8 MB - file storage with PCMCIA card Internal RAM 768 kB
Switch Function	Key switch memory port on/off
Application structure	1 cyclic/periodic master task - 1 periodic fast task - 128 I/O interrupt tasks - 128 interrupt tasks - 32 timer interrupt tasks - 4 auxiliary tasks -
Number of instructions per ms	10.28 Kinst/ms 100 % Boolean 10.07 Kinst/ms 65 % Boolean and 35 % numerical
System overhead	0.2 ms fast task 1 ms master task
Bus current requirement	2160 mA
Local signalling	1 LED (green) for Ethernet activity (COM) 1 LED (red) for Ethernet collision
Electrical connection	1 female connector SUB-D 9 for connecting to the Modbus Plus network 1 connector RJ45 for connecting Ethernet network 1 connector RJ45 for connecting Modbus bus

Environment

Product Certifications	Misc (Marine) UL CE CSA GOST
Standards	HazLoc

Ordering and shipping details

Category	US1PC2118150
Discount Schedule	PC21
GTIN	3595862066402
Returnability	No

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	4.3 in (11.0 cm)
Package 1 Width	7.3 in (18.5 cm)
Package 1 Length	12.8 in (32.5 cm)
Package weight(Lbs)	3.161 lb(US) (1.434 kg)

Contractual warranty

Warranty (in months)	18

Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

Environmental Data explained >

How we assess product sustainability >

Use Longer

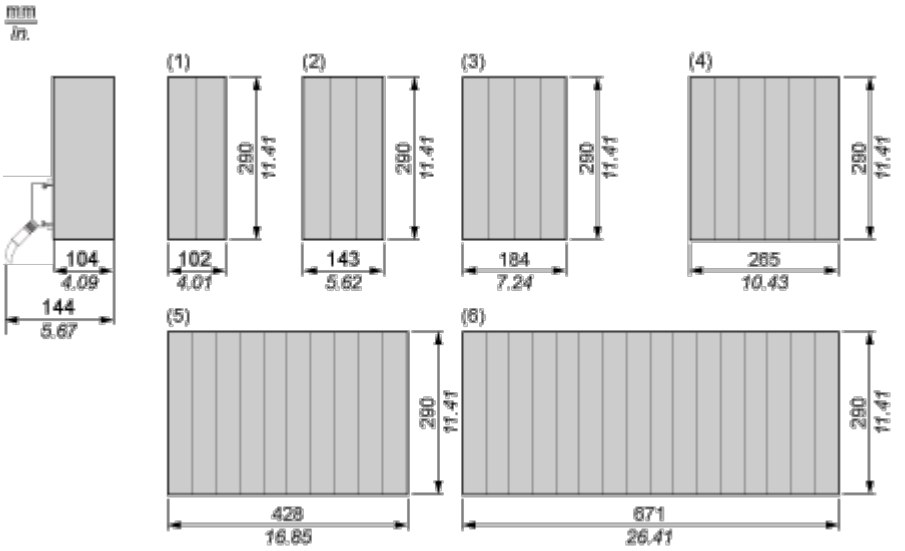
Lifetime extension

Repair	No

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