

Product data sheet

Specifications



Unity Hot Standby processor with multimode Ethernet - 512 kB - 266 MHz

140CPU67060

⚠ Discontinued on: Dec 31, 2018

⚠ To be end-of-service on: Dec 31, 2026

⚠ Discontinued - Service only

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

Mode of Transmission	Multi mode
Clock frequency	266 MHz
Number of slots	4 2 10 16 6
Number of racks	2 - local
Number of distributed I/O station	63 1 3 Modbus Plus
Number of remote I/O station	0 - 0 ethernet Quantum remote I/O 6 - 2 ethernet X80 remote I/O 0 - 0 S908 remote I/O
Discrete I/O number	8000 inputs, 8000 outputs - distributed - per network Modbus Plus 0 - S908 remote I/O - not configurable Up to 6 drops X80 - ethernet remote I/O 0 - local - forbidden in Hot Standby application
Analogue I/O number	500 inputs, 500 outputs - distributed - per network Modbus Plus 0 - S908 remote I/O - not configurable Up to 6 drops X80 - ethernet remote I/O 0 - local - forbidden in Hot Standby application
Application specific I/O	Serial link Counter Accurate time stamping High-speed interrupt inputs
Communication Service	Ethernet router
Number of optional modules	3 Ethernet, Modbus, Modbus Plus, Profibus DP, Sy/Max)
Maximum number of connections	1 USB 2 AS-Interface - distributed 4 AS-Interface - remote 1 Modbus RS232/485 Modbus/ASCII) 3 Ethernet TCP/IP - local 3 Modbus Plus - local 3 Profibus DP - local

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

Integrated connection type	1 Modbus Plus 1 Modbus 1 USB 1 optic fibre Hot Standby
Checks	Hot standby Process control
Memory description	Expandable 7168 kB - program with PCMCIA card Expandable 8 MB - file storage with PCMCIA card Internal RAM 512 KB - 512 kB for data
Switch Function	Key switch memory port on/off
Application structure	1 periodic fast task - forbidden in Hot Standby application 128 I/O interrupt tasks - forbidden in Hot Standby application 128 interrupt tasks - forbidden in Hot Standby application 32 timer interrupt tasks - forbidden in Hot Standby application 4 auxiliary tasks - forbidden in Hot Standby application 1 cyclic/periodic master task -
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	2500 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 Modbus bus 1 connector MT-RJ (multimode fiber optic) for interconnecting primary and secondary PLCs up to 4 km

Environment

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

Ordering and shipping details

Category	US1PC2118150
Discount Schedule	PC21
GTIN	3595864155401
Returnability	No
Country of origin	FR

Packing Units

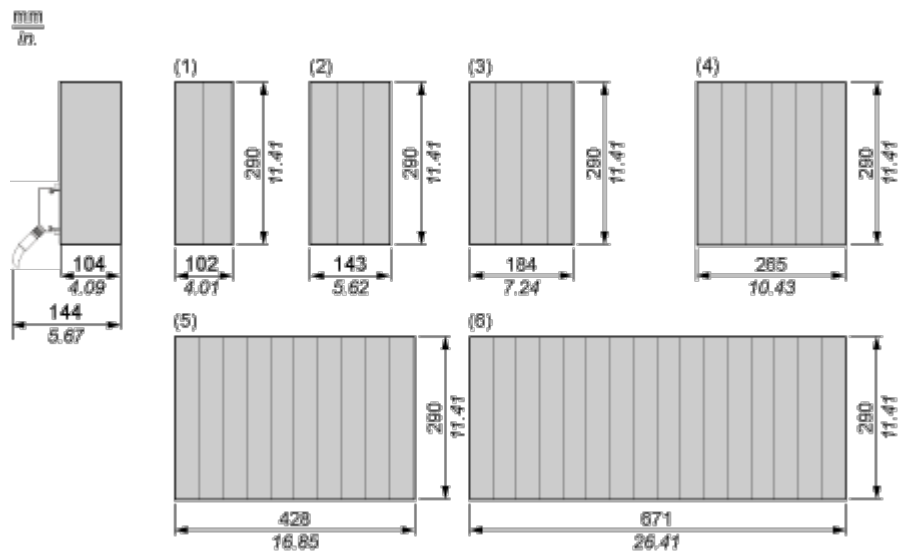
Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	4.33 in (11.0 cm)
Package 1 Width	7.28 in (18.5 cm)
Package 1 Length	12.80 in (32.5 cm)
Package 1 Weight	3.217 lb(US) (1.459 kg)
Unit Type of Package 2	S04
Number of Units in Package 2	6

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	19.8 lb(US) (9.0 kg)

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