Product datasheet

Specifications

Discontinued - Service only

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

140CPU67060

Discontinued on: 29 Nov 2021

End-of-service on: 01 Jan 2025

Price: 211,764.00 ZAR

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 rack(s)
Number of distributed I/O station	63 station(s) - 1 rack(s) - 3 Modbus Plus network(s)
Number of remote I/O station	0 - 0 rack(s) per ethernet Quantum remote I/O 6 - 2 rack(s) per ethernet X80 remote I/O 0 - 0 rack(s) per 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
Integrated connection type	1 Modbus Plus with 1 Modbus with 1 USB with 1 optic fibre with Hot Standby

Excluding VAT and subject to change. Please check with your local distributor through "Where to buy"

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 for fast task 1 ms for 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, connector type: SUB-D 9 for connecting to the Modbus Plus network 1 connector, connector type: RJ45 for connecting Modbus bus 1 connector, connector type: 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

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	11.0 cm
Package 1 Width	18.5 cm
Package 1 Length	32.5 cm
Package 1 Weight	1.459 kg
Unit Type of Package 2	S04
Number of Units in Package 2	6
Package 2 Height	30.0 cm
Package 2 Width	40.0 cm
Package 2 Length	60.0 cm
Package 2 Weight	9.0 kg

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

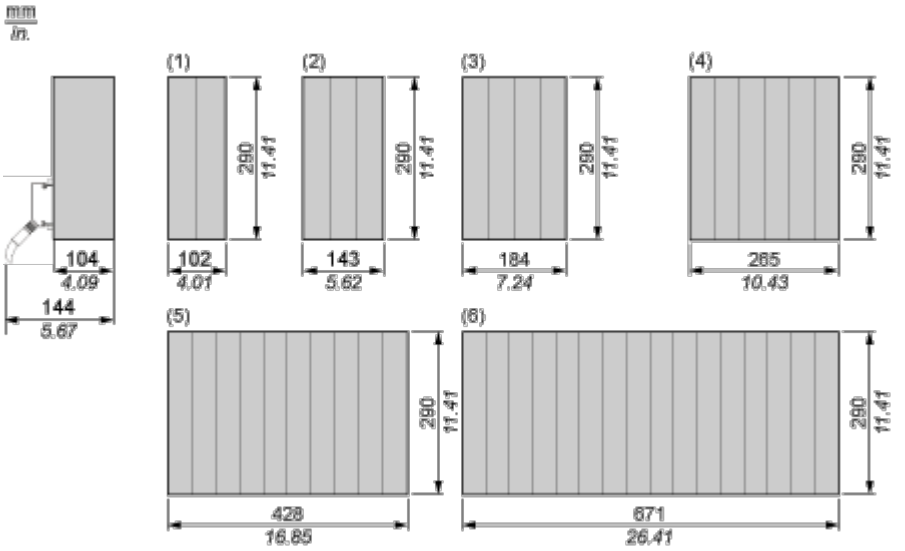
Lifetime extension

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