Product data sheet

Specifications

Green Premium™

Unity Hot Standby processor with single mode Ethernet - 11 MB - 266 MHz - coated

140CPU67861C

Discontinued on: Dec 31, 2018

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

Discontinued - Service only

Main

Range Of Product	Modicon Quantum automation platform
Product Or Component Type	Unity processor

Complementary

Mode Of Transmission	Single mode
Clock Frequency	266 MHz
Number Of Slots	16 6 2 10 4
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 31 - 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 (31 drops of 28 slots max) - ethernet remote I/O 0 - local - forbidden in Hot Standby application
Analogue I/O Number	500 inputs, 500 outputs - distributed - per network Modbus Plus Unlimited (31 drops of 28 slots max) - ethernet remote I/O 1984 inputs,1984 outputs - remote 0 - local - forbidden in Hot Standby application
Application Specific I/O	High-speed interrupt inputs Counter Serial link Accurate time stamping
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 Modbus 1 USB 1 optic fibre Hot Standby

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	Hot standby Process control
Memory Description	Expandable 7168 kB - program with PCMCIA card Expandable 8 MB - file storage with PCMCIA card Internal RAM 3072 kB - 1536 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	2760 mA
Local Signalling	Ethernet activity (COM) 1 LED green) Ethernet collision 1 LED red)
Electrical Connection	1 female connector SUB-D 9 for connecting to the Modbus Plus network 1 connector RJ45 for connecting Modbus bus 1 connector LC (single mode fiber optic) for interconnecting primary and secondary PLCs up to 16 km

Environment

Protective Treatment	Conformal coating Humiseal 1A33
Product Certifications	UL Misc (Marine) CSA CE GOST
Standards	HazLoc

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	3.14 lb(US) (1.424 kg)

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_2 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 >

RoHS/REACh

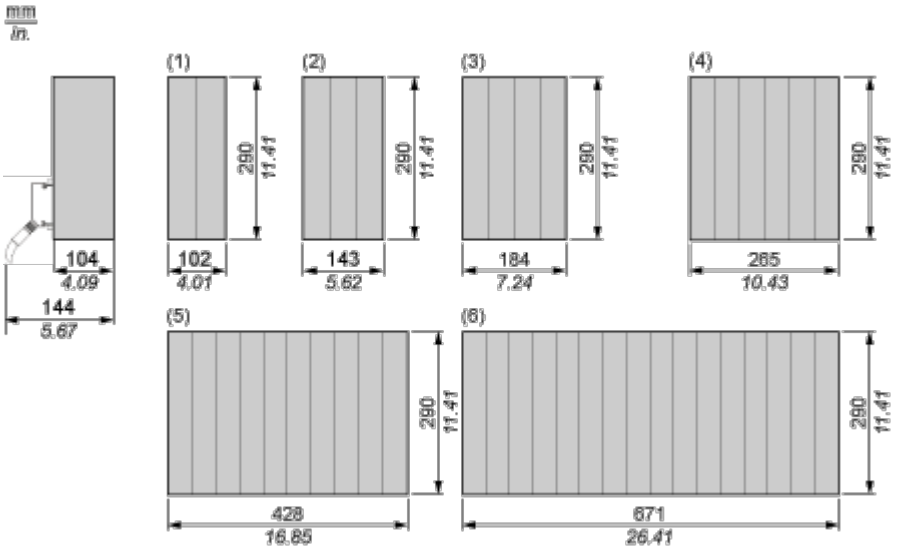
Certifications & Standards

Eu Rohs Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
Circularity Profile	End of Life Information

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