

Product data sheet

Specifications



Unity Hot Standby processor with single mode Ethernet - 3072 kB - 266 MHz

140CPU67261

! Discontinued - Service only

! Discontinued on: Dec 31, 2018

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

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 10 6 2 4 |
| 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 | 31 - 2 rack(s) per S908 remote I/O 31 - 2 rack(s) per ethernet Quantum remote I/O 31 - 2 rack(s) per 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 | Serial link Accurate time stamping 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 with 1 Modbus with 1 USB with 1 optic fibre with 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 for fast task 1 ms for master task |
| Bus Current Requirement | 2760 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: LC (single mode fiber optic) for interconnecting primary and secondary PLCs up to 16 km |

Environment

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|------------------------|--|
| Product Certifications | Misc (Marine) GOST UL CE CSA |
| 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 | 19.0 cm |
| Package 1 Length | 32.5 cm |
| Package 1 Weight | 1.458 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 | 8.748 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-CO₂ 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