

Product datasheet

Specifications



Unity processor Modicon Quantum - 3072 kB - 266 MHz

140CPU65260

⚠ Discontinued on: 31-Dec-2018

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

⚠ Discontinued - Service only

Main

Range Of Product Modicon Quantum automation platform

Product Or Component Type Unity processor

Complementary

Clock Frequency 266 MHz

Number Of Slots
16
6
2
10
4

Number Of Racks 2 - local rack(s)

Number Of Distributed I/O Station 63 station(s) - 1 rack(s) - 1 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
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
31744 inputs, 31744 outputs - S908 remote I/O

Analogue I/O Number
500 inputs, 500 outputs - distributed - per network Modbus Plus
Unlimited (26 slots max) - local
Unlimited (31 drops of 28 slots max) - ethernet remote I/O
1984 inputs, 1984 outputs - remote

Application Specific I/O
Counter
Accurate time stamping
Serial link
High-speed interrupt inputs

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 Ethernet TCP/IP with
1 Modbus with
1 USB with

Checks Process control

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

Memory Description	Expandable 7168 kB - program with PCMCIA card Expandable 8 MB - file storage with PCMCIA card Internal RAM 3072 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 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 Ethernet network 1 connector, connector type: RJ45 for connecting Modbus bus

Environment

Product Certifications	CSA Misc (Marine) UL GOST CE
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	33.0 cm
Package 1 Weight	1.432 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	8.592 kg

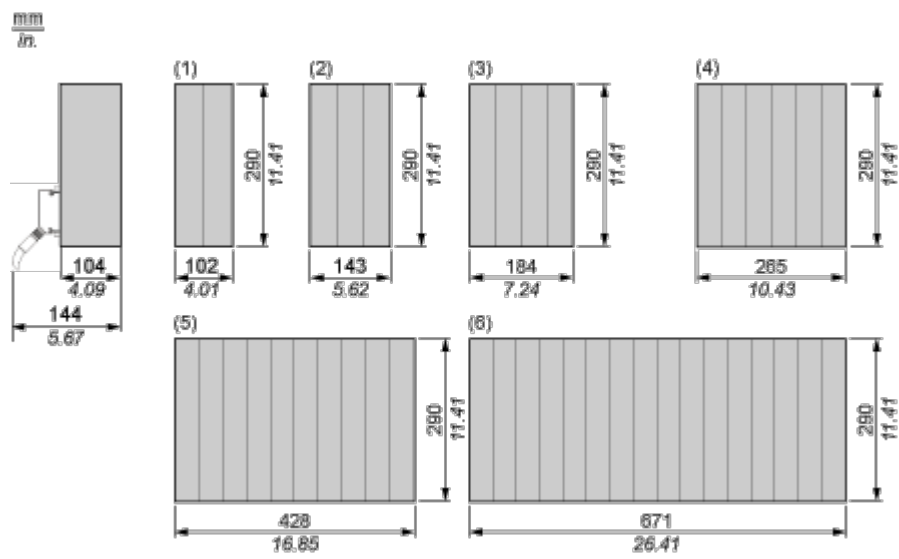
Contractual warranty

Warranty	18 months
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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