

Product data sheet
Characteristics

140CPU65860

Unity processor Modicon Quantum - 11 MB - 266 MHz



Main

Range of product	Modicon Quantum automation platform
Product or component type	Unity processor

Complementary

Clock frequency	266 MHz
Number of slots	2 16 6 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 S908 remote I/O rack(s) 31 - 2 ethernet Quantum remote I/O rack(s) 31 - 2 ethernet X80 remote I/O rack(s)
Discrete I/O number	Unlimited (31 drops of 28 slots max) - ethernet remote I/O 31744 inputs, 31744 outputs - S908 remote I/O 8000 inputs, 8000 outputs - distributed - per network Modbus Plus Unlimited (26 slots max) - local
Analogue I/O number	Unlimited (26 slots max) - local Unlimited (31 drops of 28 slots max) - ethernet remote I/O 500 inputs, 500 outputs - distributed - per network Modbus Plus 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

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

	1 Modbus with 1 USB with
Checks	Process control
Memory description	Internal RAM 11264 kB - program and data Expandable 8 MB - file storage with PCMCIA card
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 if 100 % Boolean 10.07 Kinst/ms if 65 % Boolean and 35 % numerical
System overhead	1 ms - master task 0.2 ms - fast task
Bus current requirement	2760 mA
Local signalling	1 LED green Ethernet activity (COM) 1 LED red Ethernet collision
Electrical connection	1 connector, connector type: RJ45 for connecting Ethernet network 1 connector, connector type: RJ45 for connecting Modbus bus 1 female connector, connector type: SUB-D 9 for connecting to the Modbus Plus network

Environment

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

Offer Sustainability

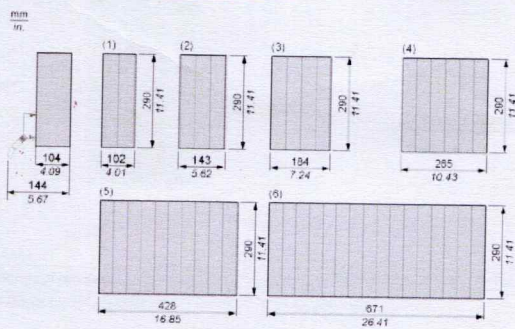
Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 1625 - Schneider Electric declaration of conformity  Schneider Electric declaration of conformity
REACH	Reference not containing SVHC above the threshold Reference not containing SVHC above the threshold
Product environmental profile	Available
Product end of life instructions	Available

Product data sheet
Dimensions Drawings

140CPU65860

Racks for Modules Mounting

Dimensions of Modules and Racks



Product Life Status

END OF COMMERCIALIZATION