140CPU65150

Green Premium™ Product

Main

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

Complementary

Clock frequency	166 MHz
Number of slots	10 16 2 4 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	31 - 2 S908 remote I/O rack(s) 31 - 2 ethernet Quantum remote I/O rack(s) 16 - 2 ethernet X80 remote I/O rack(s)
Discrete I/O number	Unlimited (26 slots max) - local 31744 inputs, 31744 outputs - remote Unlimited (31 drops of 28 slots max) - ethernet remote I/O 8000 inputs, 8000 outputs - distributed - per network Modbus Plus
Analogue I/O number	Unlimited (26 slots max) - local 1984 inputs,1984 outputs - S908 remote I/O Unlimited (31 drops of 28 slots max) - ethernet remote I/O 500 inputs, 500 outputs - distributed - per network Modbus Plus
Application specific I/O	Accurate time stamping Counter High-speed interrupt inputs Serial link
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
Memory description	Expandable 7168 kB - program with PCMCIA card Expandable 8 MB - file storage with PCMCIA card Internal RAM 768 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 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	2160 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

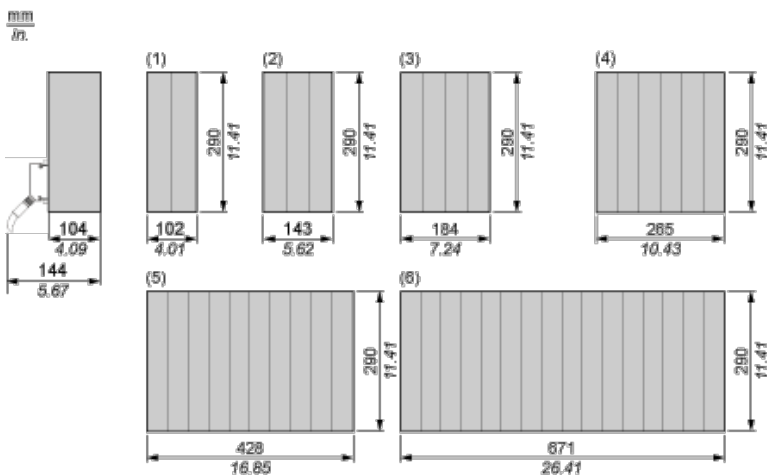| product certifications	CE
	CSA
	GOST
	UL
	Misc (Marine)
standards	HazLoc

Offer Sustainability

Green Premium product	Green Premium product
Compliant - since 1009 - Schneider Electric declaration of conformity	Compliant - since 1009 - Schneider Electric declaration of conformity
Reference not containing SVHC above the threshold	Reference not containing SVHC above the threshold
Available	Available
Available	Available
WARNING: This product can expose you to chemicals including:	WARNING: This product can expose you to chemicals including:
Lead and lead compounds which is known to the State of California to cause cancer and birth defects or other reproductive harm.	Lead and lead compounds which is known to the State of California to cause cancer and birth defects or other reproductive harm.
For more information go to www.p65warnings.ca.gov	For more information go to www.p65warnings.ca.gov

Contractual warranty

Warranty period	18 months

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