



Main

Range of product	Automation platform Product or
Product or component type	Unity processor

Complementary

Clock frequency	166 MHz
Number of slots	10 6 2 16 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 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 (31 drops of 28 slots max) - ethernet remote I/O 8000 inputs, 8000 outputs - distributed - per network Modbus Plus Unlimited (26 slots max) - local 31744 inputs, 31744 outputs - remote
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

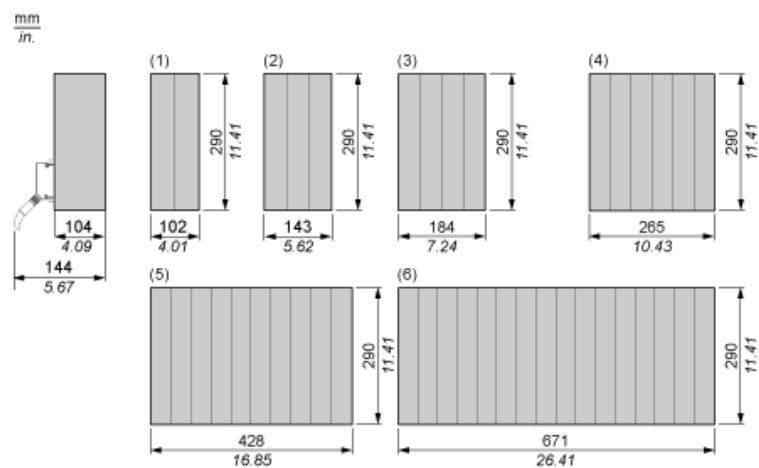
	6 (Modbus Plus) - local 6 (Profibus DP) - local 1 (Modbus) - RS232/485 Modbus/ASCII
Integrated connection type	1 Modbus Plus with 1 Ethernet TCP/IP with 1 Modbus with 1 USB with
Checks	Process control
Memory description	Expandable 7168 kB - program with PCMCIA card Expandable 8 MB - file storage with 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 -
Execution time per instruction	0.045...0.06 μ s on fixed-point arithmetic 0.045...0.06 μ s on word 0.0525...0.075 μ s Boolean 0.48...0.56 μ s floating points
Number of instructions per ms	15 Kinst/ms if 100 % Boolean 20 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 for Ethernet activity (COM) 1 LED red for 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 Misc (Marine) GOST CSA UL
Standards	HazLoc

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