



Main

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

Complementary

Clock frequency	66 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) 0 - 0 ethernet remote I/O rack(s)
Discrete I/O number	8000 inputs, 8000 outputs - distributed - per network Modbus Plus 31744 inputs, 31744 outputs - remote Unlimited (27 slots max) - local
Analogue I/O number	Unlimited (27 slots max) - local 1984 inputs, 1984 outputs - S908 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
Number of optional modules	2 (Ethernet, Modbus, Modbus Plus, Profibus DP, Sy/Max)
Maximum number of connections	1 (USB) 2 (AS-Interface) - distributed 2 (Ethernet TCP/IP) - local 2 (Modbus Plus) - local 2 (Modbus) - RS232/485 Modbus/ASCII 2 (Profibus DP) - local

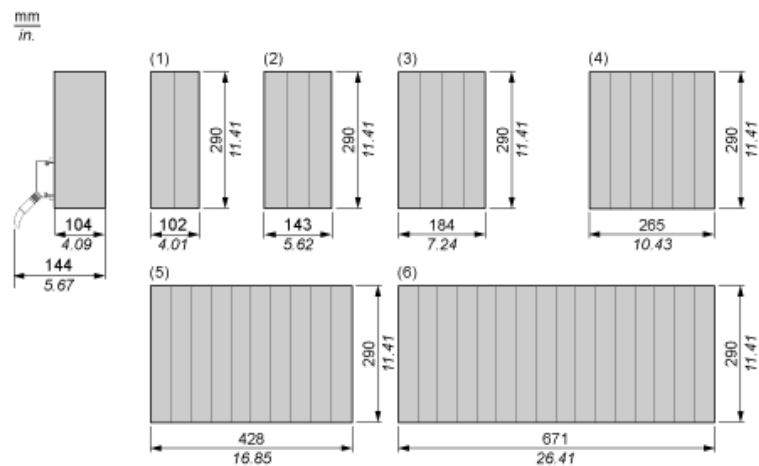
	4 (AS-Interface) - remote
Integrated connection type	1 Modbus Plus with 2 Modbus with
Checks	Process control
Memory description	Internal RAM 548 kB
Switch function	Slide switch communication port : ASCII/RTU/Memory Slide switch memory port/off
Application structure	1 cyclic/periodic master task - 1 periodic fast task - 16 timer interrupt tasks - 64 I/O interrupt tasks - 64 interrupt tasks - No auxiliary task -
Execution time per instruction	0.1...0.27 μ s floating points 0.1...0.27 μ s on fixed-point arithmetic 0.12...0.585 μ s Boolean 0.12...0.585 μ s on word
Number of instructions per ms	1.86 Kinst/ms if 100 % Boolean 2.49 Kinst/ms if 65 % Boolean and 35 % numerical
System overhead	1 ms - master task 0.2 ms - fast task
Bus current requirement	1800 mA
Local signalling	1 LED green communications are active on the Modbus Plus port (Modbus Plus) 1 LED green communications are active on the Modbus port (Modbus) 1 LED green CPU has been started and is solving logic (RUN) 1 LED green CPU has passed the power-up diagnostic tests (READY) 1 LED orange write-protected memory (memory port) 1 LED red battery needs replacing or is not present (BAT LOW) 1 LED red communications error on the Modbus Plus port (ERROR A)
Electrical connection	1 female connector, connector type: SUB-D 9 for connecting to the Modbus Plus network 2 female connectors, connector type: SUB-D 9 for connecting to the Modbus bus

Environment

Product certifications	CE 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