



Product availability: Non-Stock - Not normally stocked in distribution facility



### Main

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

### Complementary

Mode of transmission	Multi mode
Clock frequency	266 MHz
Number of slots	6 4 2 10 16
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	0 - 0 ethernet Quantum remote I/O rack(s) 6 - 2 ethernet X80 remote I/O rack(s) 0 - 0 S908 remote I/O rack(s)
Discrete I/O number	0 - local - forbidden in Hot Standby application 8000 inputs, 8000 outputs - distributed - per network Modbus Plus 0 - S908 remote I/O - not configurable Up to 6 drops X80 - ethernet remote I/O
Analogue I/O number	0 - local - forbidden in Hot Standby application 500 inputs, 500 outputs - distributed - per network Modbus Plus 0 - S908 remote I/O - not configurable Up to 6 drops X80 - ethernet remote I/O
Application specific I/O	Counter Serial link Accurate time stamping High-speed interrupt inputs
Communication service	Ethernet router
Number of optional modules	3 ( Ethernet, Modbus, Modbus Plus, Profibus DP, Sy/Max)
Maximum number of connections	1 ( USB) 2 ( AS-Interface) - distributed 4 ( AS-Interface) - remote 1 ( Modbus) - RS232/485 Modbus/ASCII 3 ( Ethernet TCP/IP) - local 3 ( Modbus Plus) - local 3 ( Profibus DP) - local
Integrated connection type	1 Modbus Plus with 1 Modbus with 1 USB with 1 optic fibre with Hot Standby protocol
Checks	Hot standby Process control

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. 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. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

Memory description	Internal RAM 512 kB - 512 kB for data Expandable 7168 kB - program with PCMCIA card 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 - forbidden in Hot Standby application 128 I/O interrupt tasks - forbidden in Hot Standby application 128 interrupt tasks - forbidden in Hot Standby application 32 timer interrupt tasks - forbidden in Hot Standby application 4 auxiliary tasks - forbidden in Hot Standby application
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	2500 mA
Local signalling	1 LED green Ethernet activity (COM) 1 LED red Ethernet collision
Electrical connection	1 connector, connector type: RJ45 for connecting Modbus bus 1 female connector, connector type: SUB-D 9 for connecting to the Modbus Plus network 1 connector, connector type: MT-RJ (multimode fiber optic) for interconnecting primary and secondary PLCs up to 4 km

## Environment

Product certifications	Misc (Marine) UL CE GOST CSA
Standards	HazLoc

## Ordering and shipping details

Category	18150 - QUANTUM CONTROLLERS,HSBY,COMM.
Discount Schedule	PC21
GTIN	00785901146674
Nbr. of units in pkg.	1
Package weight(Lbs)	3.2200000000000002
Returnability	N
Country of origin	FR

## Offer Sustainability

Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 1111 - Schneider Electric declaration of conformity <a href="#">Schneider Electric declaration of conformity</a>
REACH	Reference not containing SVHC above the threshold
Product environmental profile	Available
Product end of life instructions	Available
California proposition 65	WARNING: This product can expose you to chemicals including:
----- Substance 1	Lead and lead compounds which is known to the State of California to cause cancer and birth defects or other reproductive harm.
----- More information	For more information go to <a href="http://www.p65warnings.ca.gov">www.p65warnings.ca.gov</a>

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