Product data sheet
Characteristics

140CPU11303
Concept processor 80186 Modicon Quantum - 1 Modbus plus, 2 Modbus RS232

Main

Range of product	Modicon Quantum automation platform
Product or component type	Processor
Software name	Concept ProWORX 32
Processor name	80186
Mathematical coprocessor	Without

Complementary

Clock frequency	20 MHz
Memory description	Internal RAM 368 kB
Exact time for 1 Kinstruction	0.3...1.4 ms LL984
Watchdog timer	250 ms
Clock drift	+/-8 s/day at 0...60 °C
I/O words	64 I/64 O remote 64 I/64 O max local 30 I/32 O distributed
I/O words/network	500 I/500 O distributed
Drops/Network	63 distributed
Number of drops	31 remote
Number of network	3 distributed 2 remote
Battery type	Lithium 7 µA 210 µA
Battery capacity	1.2 AH
Battery life	10 yr
Number of port	1 Modbus Plus 1 Modbus RS232
Communication module processor	2 NOM, NOE, CR, NMS
Switch function	Without key switch
Marking	CE
Bus current requirement	790 mA
Module format	Standard
Product weight	0.3 kg

Environment

Product certifications	CUL FM Class 1 Division 2
Standards	CSA C22.2 No 142 UL 508
Resistance to electrostatic discharge	8 kV on air conforming to IEC 801-2 4 kV contact conforming to IEC 801-2
Resistance to electromagnetic fields	10 V/m 80...2000 MHz conforming to IEC 801-3
Ambient air temperature for operation	0...60 °C
Ambient air temperature for storage	-40...85 °C
Relative humidity	95 % without condensation
Operating altitude	<= 5000 m

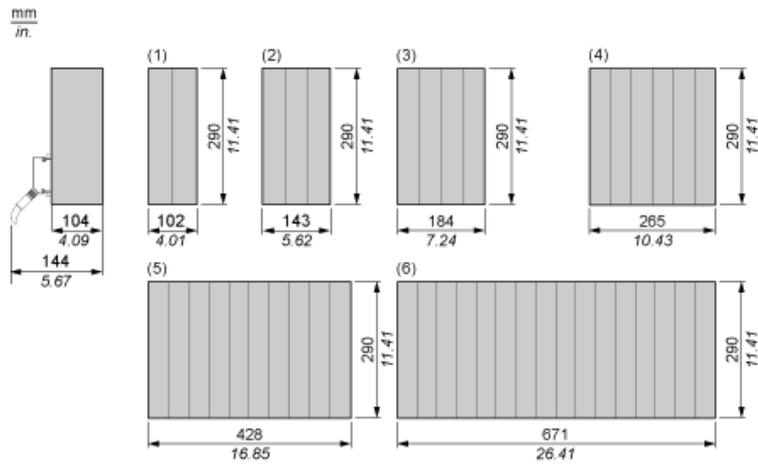**Schneider Electric**

Contractual 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