

# 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	30 I/32 O distributed 64 I/64 O max local 64 I/64 O remote
I/O words/network	500 I/500 O distributed
Drops/network	63 distributed
Number of drops	31 remote
Number of network	2 remote 3 distributed
Battery type	Lithium 7 µA 210 µA
Battery capacity	1.2 Ah
Battery life	10 yr
Number of port	1 Modbus RS232 1 Modbus Plus
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	4 kV contact conforming to IEC 801-2 8 kV on air 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

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