Product data sheet
Characteristics

140CPU11302
Concept processor 80186 Modicon Quantum - 1 Modbus RS232, 1 Modbus Plus



Commercial status
End of Commercialisation :

⚠ End of Commercialisation

Main

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

Complementary

Clock frequency	20 MHz
Memory description	Internal RAM 109 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 5 µA 110 µA
Battery capacity	1.2 Ah
Battery life	10 Year(S)
Number of port	1 Modbus RS232 1 Modbus Plus
Communication module processor capacity	2 NOM, NOE, CR, NMS
Switch function	Without key switch
Marking	CE
Bus current requirement	780 MA
Module format	Standard
Net weight	0.3 Kg

Environment

Product certifications	cUL[RETURN]FM Class 1 Division 2
Standards	UL 508 CSA C22.2 No 142
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

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	4.5 Cm
Package 1 Width	16.5 Cm
Package 1 Length	31.5 Cm
Package 1 Weight	915 G

Offer Sustainability

Sustainable packaging	No

Contractual warranty

Warranty (in months)	18

Product Life Status : Post commercialisation

140CPU11302 may be replaced by any of the following products:



BMEP581020

standalone processor, Modicon M580, 4MB, 61 Ethernet devices, 4 local IO racks of 1024 digital, 256 analog

Qty 1

Substitution date: |