Product data sheet
Characteristics

140CPU43412A
Processor, Modicon Quantum automation platform, ProWORX32, Concept, 896kB RAM, 66MHz



Commercial status
End of Commercialisation : MAY 31, 2015

⚠ End of Commercialisation

Main

Range of product	Modicon Quantum automation platform
Product or component type	Processor
Software name	ProWORX 32 Concept
Processor name	80486
Mathematical coprocessor	With

Complementary

Clock frequency	66 MHz
Memory description	Internal RAM 896 kB
Exact time for 1 Kinstruction	0.1...0.5 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 Year(S)
Number of port	1 Modbus Plus 2 Modbus RS232
Communication module processor capacity	6 NOM, NOE, CR, NMS
Switch function	Key switch
Marking	CE
Bus current requirement	1250 MA
Module format	Standard
Net weight	0.85 Kg

Environment

Product certifications	FM Class 1 Division 2[RETURN]cUL
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	4.4 Cm
Package 1 Width	16.5 Cm
Package 1 Length	31 Cm
Package 1 Weight	609 G

Offer Sustainability

Sustainable packaging	No

Contractual warranty

Warranty (in months)	18

Product Life Status : End of commercialisation

140CPU43412A may be replaced by any of the following products:



BMEP582040

standalone processor, Modicon M580, 8MB, 61 Ethernet devices, 8 remote IO racks of X80

Qty 1

Substitution date: |