

Product data sheet

Specifications



M1/M1E processor adaptor - 2 Modbus - 20 MHz

171CCS78000

⚠ Discontinued on: 31 May 2015

⚠ To be end-of-service on: 31 May 2023

⚠ Discontinued - Service only

Main

Range of product	Modicon Momentum automation platform
Product or component type	M1/M1E processor adaptor
Software designation	Concept version V2.6 Modsoft version >= V2.5 ProWORX NxT version V2.0 ProWORX 32
Communication port protocol	Modbus
Processor name	X 86 based (INTEL, AMD)
Clock frequency	20 MHz

Complementary

Discrete I/O processor capacity	2048 I/2048 O
Memory type	256 kB flash 64 kB RAM
Memory description	Program memory 2.4 kB LL984 Data 2 kB
Material	Lexan
Word length	16 bit
[Us] rated supply voltage	5.0 V DC +/-5 %
Supply	By Momentum I/O base
Exact time for 1 Kinstruction	1 ms
Register I/O processor capacity	2048 I/2048 O
I/O limit processor capacity	I/O local on Modbus
Number of port	1 RS232C non isolated 1 RS485
Marking	CE
Net weight	0.042 kg

Environment

Protective treatment	TC
Ambient air temperature for operation	0...60 °C

Ambient air temperature for storage	-40...85 °C
Relative humidity	5...96 % without condensation
Operating altitude	2000 m
Shock resistance	<= 15 gn peak 11 ms half sine wave acceleration
Vibration resistance	1 gn 0.75 mm d.a
Product certifications	FM Class 1 Division 2 Nema type 250 cUL UL

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	6.0 cm
Package 1 Width	18.0 cm
Package 1 Length	26.0 cm
Package 1 Weight	219.0 g
Unit Type of Package 2	S03
Number of Units in Package 2	8
Package 2 Height	30.0 cm
Package 2 Width	30.0 cm
Package 2 Length	40.0 cm
Package 2 Weight	2.267 kg

Contractual warranty

Warranty	18 months
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Recommended replacement(s)

171CCS78000 is replaced by:

1x



Unity M1 processor - RS232/485 - USB - I/O bus
171CBU78090