

Product datasheet

Specifications



M1/M1E processor adaptor - 1 Modbus - 20 MHz

171CCS70000

⚠ Discontinued on: 23 Jan 2021

⚠ End-of-service on: 31 May 2023

⚠ Discontinued

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
Number Of Port	1 RS232C non isolated
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

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Vibration Resistance	0.75 mm d.a 1 gn
Product Certifications	UL cUL FM Class 1 Division 2 Nema type 250

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	5.5 cm
Package 1 Width	18.0 cm
Package 1 Length	26.0 cm
Package 1 Weight	206.0 g
Unit Type Of Package 2	S03
Number Of Units In Package 2	8
Package 2 Height	30 cm
Package 2 Width	30 cm
Package 2 Length	40 cm
Package 2 Weight	2.163 kg

Contractual warranty

Warranty	18 months
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