

Product datasheet

Specifications



M1/M1E processor adaptor - 1 Ethernet, 1 Modbus - 50 MHz

171CCC98020

⚠ Discontinued on: 31-May-2023

⚠ 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
Concept	Transparent Ready
Level Or Class	Class B10
Software Designation	Concept version V2.6 Modsoft version >= V2.5 ProWORX NxT version V2.0 ProWORX 32
Communication Port Protocol	Ethernet Modbus
Processor Name	X 86 based (INTEL, AMD)
Clock Frequency	50 MHz

Complementary

Web Services	Web page loader software tool Web page loader Rack viewer Data editor
Ethernet Service	I/O scanning Modbus TCP messaging
Discrete I/O Processor Capacity	8192 I/8192 O
Memory Type	512 KB flash 544 kB RAM
Memory Description	Program memory 18 kB LL984 Data 24 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	26048 I/26048 O
I/O Limit Processor Capacity	I/O local on Modbus
Number Of Port	1 RS485 1 ETHERNET
Marking	CE
Net Weight	0.042 kg

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

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	Nema type 250 UL cUL FM Class 1 Division 2

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 cm
Package 1 Length	26 cm
Package 1 Weight	211 g
Unit Type Of Package 2	S02
Number Of Units In Package 2	4
Package 2 Height	15 cm
Package 2 Width	30 cm
Package 2 Length	40 cm
Package 2 Weight	1.166 kg
Unit Type Of Package 3	S03
Number Of Units In Package 3	8
Package 3 Height	30 cm
Package 3 Width	30 cm
Package 3 Length	40 cm
Package 3 Weight	2.203 kg

Contractual warranty

Warranty	18 months
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