Product datasheet

Specifications

Green Premium™

Motion controller LMC100 0 axis - Acc kit - Basic

LMC100CAA10000

Discontinued on: 9 Feb 2023

EAN Code: 3606485400303

Discontinued

Main

Range Of Product	PacDrive 3
Product Or Component Type	Motion controller

Complementary

Product Compatibility	LMC100
Number Of Axis	0
Discrete Input Number	8 for digital input conforming to IEC 61131-2 Type 1 4 for touch probe input conforming to IEC 61131-2 Type 1
Discrete Input Voltage	- 3...5 V 15...30 V
Discrete Input Voltage Type	DC
Discrete Input Current	4 mA for digital input
Anti Bounce Filtering	100 µs...4.29 s configurable digital input 100 µs...4.29 s configurable touch probe input 100 µs...4.29 s configurable interrupt input
Maximum Cable Distance Between Devices	<50 m
Discrete Output Number	8 digital output
Discrete Output Current	500 mA for digital output
Maximum Leakage Current	0.5 mA
Maximum Number Of I/O Expansion Module	1
[Us] Rated Supply Voltage	24 V DC
Power Consumption In W	30 W
Memory Type	512 MB RAM DDR2 128 kB NVRAM
Programming Language	FBD (function block diagram) SFC (sequential function chart) ST (structured text) CFC (continuous function chart) LD (ladder) IL (instruction list)
Integrated Connection Type	2 Ethernet port, connector RJ45 for protocol Sercos 1 Ethernet port, connector RJ45 for protocol Ethernet 10/100BASE-T, FTP/HTTP 1 Ethernet port, connector RJ45 for master encoder 1 serial link, connector RJ45 for protocol RS232/RS485 1 CAN port, connector SUB-D 9 for protocol CANopen 1 USB port, connector USB type A
Supply	Power supply: 24 VDC

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

Width	44 mm
Height	270 mm
Depth	222 mm
Net Weight	2.2 kg

Environment

Standards	EN/IEC 61131-2 CSA C22.2 No 14 CSA C22.2 No 142 UL 508
Product Certifications	CSA CE EAC cULus
Ambient Air Temperature For Operation	5…55 °C
Relative Humidity	5…95 % without condensation
Ip Degree Of Protection	IP20 conforming to EN/IEC 60529
Pollution Degree	2 conforming to IEC 61131-2
Operating Altitude	0...2000 m
Vibration Resistance	3.5 mm at 5…8.4 Hz 10 m/s² at 8.4…150 Hz
Shock Resistance	150 m/s² for 6 ms (operation) conforming to EN/IEC 60721-3-3

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	11.000 cm
Package 1 Width	33.500 cm
Package 1 Length	44.000 cm
Package 1 Weight	2.210 kg
Unit Type Of Package 2	P06
Number Of Units In Package 2	10
Package 2 Height	75.000 cm
Package 2 Width	60.000 cm
Package 2 Length	80.000 cm
Package 2 Weight	30.858 kg

Contractual warranty

Warranty	18 months

Sustainability

Green Premium™ label is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO_2 products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

Learn more about Green Premium >

Guide to assess a product's sustainability >

Transparency RoHS/REACh

Well-being performance

Mercury Free	
Rohs Exemption Information	Yes
Pvc Free	

Certifications & Standards

Reach Regulation	REACh Declaration
Eu Rohs Directive	Pro-active compliance (Product out of EU RoHS legal scope)
China Rohs Regulation	China RoHS declaration
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End of Life Information