Product data sheet

Specifications

Motion controller LMC100 0 axis - Acc kit - Basic

LMC100CAA10000

Product availability: Non-Stock - Not normally stocked in distribution facility

Price*: 2,302.94 USD

Main

Range Of Product	PacDrive 3
Product Or Component Type	Motion controller

Complementary

Product Compatibility	LMC100
Number Of Axis	0
Discrete Input Number	8 digital input IEC 61131-2 Type 1 4 touch probe input IEC 61131-2 Type 1
Discrete Input Voltage	- 3...5 V 15...30 V
Discrete Input Voltage Type	DC
Discrete Input Current	4 mA 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	<164.04 ft (50 m)
Discrete Output Number	8 digital output
Discrete Output Current	500 mA 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 RJ45 Sercos 1 Ethernet port RJ45 Ethernet 10/100BASE-T, FTP/HTTP 1 Ethernet port RJ45 master encoder 1 serial link RJ45 RS232/RS485 1 CAN port SUB-D 9 CANopen 1 USB port USB type A
Supply	Power supply 24 VDC
Width	1.73 in (44 mm)

Price is “List Price” and may be subject to a trade discount – check with your local distributor or retailer for actual price.

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

Height	10.63 in (270 mm)
Depth	8.74 in (222 mm)
Net Weight	4.85 lb(US) (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	41…131 °F (5…55 °C)
Relative Humidity	5…95 % without condensation
Ip Degree Of Protection	IP20EN/IEC 60529
Pollution Degree	2 IEC 61131-2
Operating Altitude	0...6561.68 ft (0...2000 m)
Vibration Resistance	3.5 mm 5…8.4 Hz 10 m/s² 8.4…150 Hz
Shock Resistance	150 m/s² 6 ms operation)EN/IEC 60721-3-3

Ordering and shipping details

Category	US1PC5218354
Discount Schedule	PC52
Gtin	3606485400303
Returnability	No
Country Of Origin	US

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	4.33 in (11.000 cm)
Package 1 Width	13.19 in (33.500 cm)
Package 1 Length	17.32 in (44.000 cm)
Package 1 Weight	4.87 lb(US) (2.210 kg)
Unit Type Of Package 2	P06
Number Of Units In Package 2	10
Package 2 Height	29.53 in (75.000 cm)
Package 2 Width	23.62 in (60.000 cm)
Package 2 Length	31.50 in (80.000 cm)
Package 2 Weight	68.03 lb(US) (30.858 kg)

Sustainability

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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
California Proposition 65	WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov