Product data sheet

Specifications



Motion controller LMC101 4 axis - Acc kit - Basic

LMC101CAA10000

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

Main

Range of Product	PacDrive 3
Product or Component Type	Motion controller

Complementary

Product Compatibility	LMC101
Number of axis	4
Discrete input number	8 digital input IEC 61131-2 Type 1 4 touch probe input IEC 61131-2 Type 1
Discrete input voltage	15...30 V - 3...5 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	IL (instruction list) CFC (continuous function chart) SFC (sequential function chart) LD (ladder) ST (structured text) FBD (function block diagram)
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	1.7 in (44 mm)
Height	10.6 in (270 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

Depth	8.7 in (222 mm)
Product Weight	4.9 lb(US) (2.2 kg)

Environment

Standards	UL 508 CSA C22.2 No 142 CSA C22.2 No 14 IEC 61131-2
Product Certifications	EAC CE cULus CSA
Ambient air temperature for operation	41…131 °F (5…55 °C)
Relative humidity	5…95 % without condensation
IP degree of protection	IP20IEC 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)IEC 60721-3-3

Ordering and shipping details

Category	US1PC5218354
Discount Schedule	PC52
GTIN	3606485305547
Returnability	Yes
Country of origin	FR

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	4.173 in (10.600 cm)
Package 1 Width	12.992 in (33.000 cm)
Package 1 Length	17.323 in (44.000 cm)
Package weight(Lbs)	4.872 lb(US) (2.210 kg)
Unit Type of Package 2	S06
Number of Units in Package 2	10
Package 2 Height	29.528 in (75.000 cm)
Package 2 Width	23.622 in (60.000 cm)
Package 2 Length	31.496 in (80.000 cm)
Package 2 Weight	70.768 lb(US) (32.100 kg)

Contractual warranty

Warranty (in months)	18

Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

Environmental Data explained >

How we assess product sustainability >

Environmental footprint

Environmental Disclosure	Product Environmental Profile

Use Better

Materials and Substances

Packaging made with recycled cardboard	No
Packaging without single use plastic	No
SCIP Number	90542e8d-37a0-413c-9a67-b77780fcef36
EU RoHS Directive	Compliant By Exemption
REACh Regulation	Reference contains Substances of Very High Concern above the threshold
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
PVC free	Yes

Use Longer

Lifetime extension

Repair	No

Use Again

Repack and remanufacture

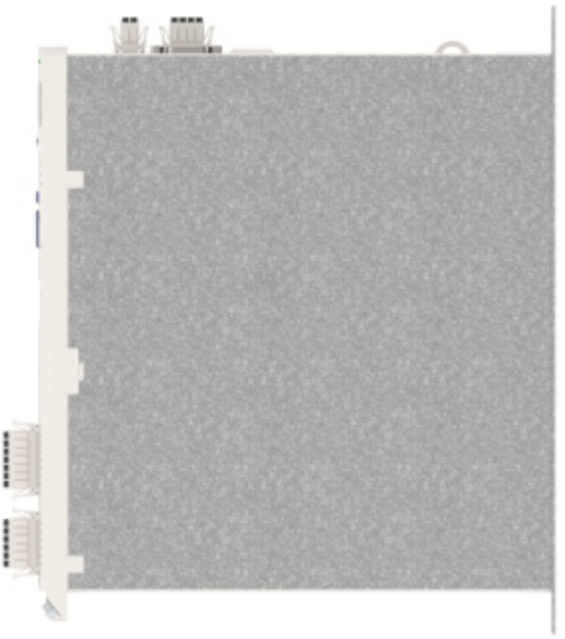
Circularity Profile	End of Life Information
Take-back	No

Image of product / Alternate images

Alternative












PacDrive
LMC