

Product data sheet

Specifications



Motion controller LMC101 4 axis - Acc kit - Basic

LMC101CAA10000

Main

Range of product	PacDrive 3
Product or component type	Motion controller

Complementary

Product compatibility	LMC101
Number of axis	4
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	15...30 V - 3...5 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	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, 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
Width	44 mm

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	270 mm
Depth	222 mm
Product weight	2.2 kg

Environment

Standards	UL 508 CSA C22.2 No 142 CSA C22.2 No 14 EN/IEC 61131-2
Product certifications	EAC CE cULus CSA
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	10.600 cm
Package 1 Width	33.000 cm
Package 1 Length	44.000 cm
Package 1 Weight	2.210 kg
Unit Type of Package 2	S06
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	32.100 kg

Contractual warranty

Warranty	18 months
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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
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)
SCIP Number	90542e8d-37a0-413c-9a67-b77780fcef36
REACH Regulation	REACH Declaration
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 Again

Repack and remanufacture	
End of life manual availability	End of Life Information
Take-back	No

Image of product / Alternate images

Alternative





