Product data sheet

Specifications



Motion controller LMC100 0 axis - Acc kit - Basic

LMC100CAA10000

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	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	1.7 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	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	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	3606485400303
Returnability	Yes
Country of origin	FR

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	4.331 in (11.000 cm)
Package 1 Width	13.189 in (33.500 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	P06
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	68.030 lb(US) (30.858 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