

Product data sheet

Specifications



Motion controller LMC600 99 axis - Acc kit - Basic

LMC600CAA10000

⚠ Discontinued on: Jul 9, 2021

⚠ To be end-of-service on: Dec 31, 2027

⚠ Discontinued

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	LMC600
Number of axis	99
Discrete input number	20 digital input IEC 61131-2 Type 1 4 interrupt input IEC 61131-2 Type 1 16 touch probe input IEC 61131-2 Type 1
Discrete input voltage	20...33 V 0...6 V
Discrete input voltage type	DC
Analogue input number	2
Analogue input type	Voltage analog input - 10...10 V Current analog input - 20...20 mA
Analogue input resolution	12 bits
Discrete input current	5 mA digital input 5 mA interrupt input 5 mA touch probe input
Input impedance	100000 Ohm analog input 500 Ohm
Anti bounce filtering	1 ms or 5 ms configurable digital input 100 µs touch probe input 0.1 ms or 1 ms configurable interrupt input
Discrete output number	16 digital output 2 analog output
Discrete output current	250 mA digital output
Maximum leakage current	0.4 mA
Maximum Number of I/O Expansion Module	2
[Us] rated supply voltage	24 V DC
Power Consumption in W	36 W
Memory Type	256 kB NVRAM 1 GB RAM DDR3L

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

Programming language	LD (ladder) CFC (continuous function chart) SFC (sequential function chart) IL (instruction list) FBD (function block diagram) ST (structured text)
Integrated connection type	2 Ethernet port RJ45 Sercos 1 Ethernet port RJ45 Ethernet 10/100BASE-T, FTP/HTTP 1 CAN port SUB-D 9 CANopen 1 USB port USB type A 2 Ethernet port RJ45 RT-Ethernet (real-time) 1 Ethernet port RJ45 PacNet 1 port SUB-D 9 Profibus DP 1 COM1 serial link SUB-D 9 RS232 1 COM2 serial link SUB-D 9 RS422/RS485 1 port SUB-D 9 master encoder
Supply	Power supply 24 VDC, <1 A
Width	3.9 in (100 mm)
Height	12.2 in (310 mm)
Depth	9.6 in (243 mm)
Net Weight	7.7 lb(US) (3.5 kg)

Environment

Standards	CSA C22.2 No 274 UL 508C CSA C22.2 No 14 EN/IEC 61131-2
Product Certifications	EAC CSA CE 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
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	3606485305868
Returnability	No
Country of origin	FR

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	6.8 in (17.2 cm)
Package 1 Width	12.8 in (32.5 cm)
Package 1 Length	16.7 in (42.5 cm)

Package weight(Lbs)	11.9 lb(US) (5.4 kg)
Unit Type of Package 2	S06
Number of Units in Package 2	6
Package 2 Height	29.5 in (75.0 cm)
Package 2 Width	23.6 in (60.0 cm)
Package 2 Length	31.5 in (80.0 cm)
Package 2 Weight	100.09 lb(US) (45.4 kg)

Contractual warranty

Warranty (in months)	18
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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

Total lifecycle Carbon footprint 2 180 kg CO2 eq.

Environmental Disclosure [Product Environmental Profile](#)

Use Better



Materials and Substances

[EU RoHS Directive](#) Pro-active compliance (Product out of EU RoHS legal scope)

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 Longer



Lifetime extension

Repair No

Use Again



Repack and remanufacture

Circularity Profile [End of Life Information](#)