Product data sheet

Specifications



Motion controller LMC402 16 axis - Acc kit - Basic

LMC402CAA10000

Product availability: Stock - Normally stocked in distribution facility

Main

Range of Product	PacDrive 3
Product or Component Type	Motion controller

Complementary

Product Compatibility	LMC402
Number of axis	16
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	0...6 V 20...33 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 4 GB RAM DDR3L
Programming language	FBD (function block diagram) CFC (continuous function chart) SFC (sequential function chart) ST (structured text) IL (instruction list) LD (ladder)

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

Integrated connection type	2 Ethernet port RJ45 Sercos 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 1 Ethernet port RJ45 Ethernet 10/100/1000BASE-T, FTP/HTTP
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)
Product Weight	7.7 lb(US) (3.5 kg)

Environment

Standards	IEC 61131-2 CSA C22.2 No 274 UL 508C CSA C22.2 No 14
Product Certifications	cULus CE EAC 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
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	3606485458304
Returnability	Yes
Country of origin	FR

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	7.087 in (18.000 cm)
Package 1 Width	13.386 in (34.000 cm)
Package 1 Length	18.110 in (46.000 cm)
Package weight(Lbs)	9.334 lb(US) (4.234 kg)
Unit Type of Package 2	S06
Number of Units in Package 2	6

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	78.264 lb(US) (35.500 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

Total lifecycle Carbon footprint	**2 180 kg CO2 eq.**
Carbon footprint of the manufacturing phase [A1 to A3]	**117 kg CO2 eq.**
Carbon footprint of the distribution phase [A4]	**0.6 kg CO2 eq.**
Carbon footprint of the installation phase [A5]	**0.1 kg CO2 eq.**
Carbon footprint of the use phase [B2, B3, B4, B6]	**2 060 kg CO2 eq.**
Carbon footprint of the end-of-life phase [C1 to C4]	**2 kg CO2 eq.**
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	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











