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Product data sheet

Specifications



Motion controller LMC402 16 axis - Acc kit - Basic

LMC402CAA10000

Product availability : Stock - Normally stocked in distribution facility

Price* : 5,979.05 USD

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 1 GB RAM DDR3L
Programming language	FBD (function block diagram) CFC (continuous function chart)

* 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

	SFC (sequential function chart) ST (structured text) IL (instruction list) LD (ladder)
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	3.94 in (100 mm)
Height	12.20 in (310 mm)
Depth	9.57 in (243 mm)
Net Weight	7.72 lb(US) (3.5 kg)

Environment

Standards	EN/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	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	18354-PACDRIVE3 MOTION CONTROLLERS
Discount Schedule	PC52
GTIN	3606485458304
Nbr. of units in pkg.	1
Package weight(Lbs)	10.03 lb(US) (4.55 kg)
Returnability	No
Country of origin	DE

Packing Units

Unit Type of Package 1	PCE
Package 1 Height	6.69 in (17 cm)
Package 1 width	12.80 in (32.5 cm)
Package 1 Length	16.73 in (42.5 cm)
Unit Type of Package 2	P06
Number of Units in Package 2	6
Package 2 Weight	78.93 lb(US) (35.8 kg)

Package 2 Height	25.59 in (65 cm)
Package 2 width	23.62 in (60 cm)
Package 2 Length	31.50 in (80 cm)

Offer Sustainability

Sustainable offer status	Green Premium product
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
REACh Regulation	REACh Declaration
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	China RoHS declaration
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End of Life Information
PVC free	Yes

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