Product datasheet

Specifications

Motion controller LMC802 130 axis - Acc kit - USP

LMC802CCA10000

EAN Code: 3606485458519

Main

Range of product	PacDrive 3
Product or component type	Motion controller

Complementary

Product compatibility	LMC802
Number of axis	130
Discrete input number	20 for digital input conforming to IEC 61131-2 Type 1 4 for interrupt input conforming to IEC 61131-2 Type 1 16 for touch probe input conforming to 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 for digital input 5 mA for interrupt input 5 mA for touch probe input
Input impedance	100000 Ohm for 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 for 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) LD (ladder) SFC (sequential function chart) ST (structured text) IL (instruction list) CFC (continuous function chart)

Integrated connection type	2 Ethernet port, connector RJ45 for protocol Sercos
	1 CAN port, connector SUB-D 9 for protocol CANopen
	1 USB port, connector USB type A
	2 Ethernet port, connector RJ45 for protocol RT-Ethernet (real-time)
	1 Ethernet port, connector RJ45 for protocol PacNet
	1 port, connector SUB-D 9 for protocol Profibus DP
	1 COM1 serial link, connector SUB-D 9 for protocol RS232
	1 COM2 serial link, connector SUB-D 9 for protocol RS422/RS485
	1 port, connector SUB-D 9 for master encoder
	1 Ethernet port, connector RJ45 for protocol Ethernet 10/100/1000BASE-T, FTP/HTTP
Supply	Power supply: 24 VDC, <1 A
Width	100 mm
Height	310 mm
Depth	243 mm
Net weight	3.5 kg

Environment

Standards	EN/IEC 61131-2
	CSA C22.2 No 274
	UL 508C
	CSA C22.2 No 14
Product certifications	CE
	CSA
	cULus
	EAC
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
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	30.000 cm
Package 1 Width	40.000 cm
Package 1 Length	60.000 cm
Package 1 Weight	5.526 kg
Unit Type of Package 2	P06
Number of Units in Package 2	6
Package 2 Height	75.000 cm
Package 2 Width	60.000 cm
Package 2 Length	80.000 cm
Package 2 Weight	41.656 kg

Contractual warranty

Warranty	18 months

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

Carbon footprint (kg.eq.CO2 per CR, Total Life cycle)	**2192**
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)**
REACh Regulation	**REACh Declaration**
PVC free	**Yes**

Use Again

Repack and remanufacture

Circularity Profile	**End of Life Information**
Take-back	**No**