Product data sheet
Characteristics

LMC802CCC10000
Motion controller LMC802 130 axis - Acc kit - USP + OM Profibus DP

Green Premium™

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	SFC (sequential function chart) LD (ladder) IL (instruction list) CFC (continuous function chart) FBD (function block diagram) ST (structured text)

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
	UL 508C
	CSA C22.2 No 14
	CSA C22.2 No 274
Product certifications	CE[RETURN]cULus[RETURN]EAC[RETURN]CSA
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	17.2 cm
Package 1 Width	32.5 cm
Package 1 Length	42.5 cm
Package 1 Weight	5.2 kg

Offer Sustainability

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