

Motion controller LMC902, 130 axis - Acc kit - USP

LMC902CCA10000

EAN Code: 3606481814128

Main

Range of product	PacDrive 3
Product or component type	Motion controller

Complementary

Product compatibility	Motion controller	
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	2033 V 06 V	
Discrete input voltage type	DC	
Analogue input number	2	
Analogue input type	Voltage analog input: - 1010 V Current analog input: - 2020 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)	

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		
Power supply: 24 VDC, <1 A		
100 mm		
310 mm		
243 mm		
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	555 °C	
Relative humidity	595 % 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 58.4 Hz 10 m/s² at 8.4150 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	5.01 kg

Contractual warranty

Warranty 18 months



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

S 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

Use Again

○ Repack and remanufacture	
Circularity Profile	End of Life Information
Take-back	No