Product data sheet
Characteristics

LMC101CAA10000
Motion controller LMC101 4 axis - Acc kit - Basic

Green Premium™

Main

Range of product	PacDrive 3
Product or component type	Motion controller

Complementary

Product compatibility	LMC101
Number of axis	4
Discrete input number	8 for digital input conforming to IEC 61131-2 Type 1 4 for touch probe input conforming to IEC 61131-2 Type 1
Discrete input voltage	15...30 V - 3...5 V
Discrete input voltage type	DC
Discrete input current	4 mA for digital input
Anti bounce filtering	100 µs...4.29 s configurable digital input 100 µs...4.29 s configurable touch probe input 100 µs...4.29 s configurable interrupt input
Maximum cable distance between devices	<50 m
Discrete output number	8 digital output
Discrete output current	500 mA for digital output
Maximum leakage current	0.5 mA
Maximum number of I/O expansion module	1
[Us] rated supply voltage	24 V DC
Power consumption in W	30 W
Memory type	512 MB RAM DDR2 128 kB NVRAM
Programming language	IL (instruction list) CFC (continuous function chart) SFC (sequential function chart) LD (ladder) ST (structured text) FBD (function block diagram)
Integrated connection type	2 Ethernet port, connector RJ45 for protocol Sercos 1 Ethernet port, connector RJ45 for protocol Ethernet 10/100BASE-T, FTP/HTTP 1 Ethernet port, connector RJ45 for master encoder 1 serial link, connector RJ45 for protocol RS232/RS485 1 CAN port, connector SUB-D 9 for protocol CANopen 1 USB port, connector USB type A
Supply	Power supply: 24 VDC
Width	44 mm
Height	270 mm
Depth	222 mm
Net weight	2.2 kg

Environment

Standards	UL 508 CSA C22.2 No 142 CSA C22.2 No 14 EN/IEC 61131-2
Product certifications	EAC[RETURN]CE[RETURN]cULus[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
Operating altitude	0...2000 m
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	10.600 cm
Package 1 Width	33.000 cm
Package 1 Length	44.000 cm
Package 1 Weight	2.210 kg
Unit Type of Package 2	P06
Number of Units in Package 2	10
Package 2 Height	75.000 cm
Package 2 Width	60.000 cm
Package 2 Length	80.000 cm
Package 2 Weight	32.100 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

Contractual warranty

Warranty	18 months

Life Is On | Schneider Electric