

Motion controller LMC106 6 axis -Acc kit - Basic

LMC106CAA10000

EAN Code: 3606485400310

Main

Range of product	PacDrive 3
Product or component type	Motion controller

Complementary

Complementary		
Product compatibility	LMC106	
Number of axis	6	
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	1530 V - 35 V	
Discrete input voltage type	DC	
Discrete input current	4 mA for digital input	
Anti bounce filtering	100 μs4.29 s configurable digital input 100 μs4.29 s configurable touch probe input 100 μs4.29 s configurable interrupt input	
Maximum cable distance between devices	o <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	LD (ladder) ST (structured text) SFC (sequential function chart) FBD (function block diagram) CFC (continuous function chart) IL (instruction list)	
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

Environment.		
Standards	UL 508 EN/IEC 61131-2 CSA C22.2 No 142 CSA C22.2 No 14	
Product certifications	cULus CSA CE 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	
Operating altitude	02000 m	
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	11.500 cm
Package 1 Width	33.500 cm
Package 1 Length	44.000 cm
Package 1 Weight	2.213 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	30.450 kg

Logistical informations

Country of origin

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

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)
SCIP Number	90542e8d-37a0-413c-9a67-b77780fcef36
REACh Regulation	REACh Declaration
PVC free	Yes

Use Again

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