Product datasheet





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	
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	<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

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	10.2 cm
Package 1 Width	32.5 cm
Package 1 Length	42.5 cm
Package 1 Weight	2.2 kg
Unit Type Of Package 2	S06
Number Of Units In Package 2	10
Package 2 Height	75.0 cm
Package 2 Width	40.0 cm
Package 2 Length	60.0 cm
Package 2 Weight	6.0 kg

Contractual warranty

Warranty 18 months



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Transparency RoHS/REACh

Well-being performance

②	Mercury Free	
	Rohs Exemption Information	Yes
	Pvc Free	

Certifications & Standards

Reach Regulation	REACh Declaration
Eu Rohs Directive	Pro-active compliance (Product out of EU RoHS legal scope)
China Rohs Regulation	China RoHS declaration
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End of Life Information