

Product data sheet

Specifications



Motion controller LMC216 16 axis - Acc kit - Basic

LMC216CAA10000

Main

Range of product	PacDrive 3
Product or component type	Motion controller

Complementary

Product compatibility	LMC216
Number of axis	16
Discrete input number	8 digital input IEC 61131-2 Type 1 4 touch probe input IEC 61131-2 Type 1
Discrete input voltage	- 3...5 V 15...30 V
Discrete input voltage type	DC
Discrete input current	4 mA 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	<164.04 ft (50 m)
Discrete output number	8 digital output
Discrete output current	500 mA 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) CFC (continuous function chart) SFC (sequential function chart) FBD (function block diagram) IL (instruction list) ST (structured text)
Integrated connection type	2 Ethernet port RJ45 Sercos 1 Ethernet port RJ45 Ethernet 10/100BASE-T, FTP/HTTP 1 Ethernet port RJ45 master encoder 1 serial link RJ45 RS232/RS485 1 CAN port SUB-D 9 CANopen 1 USB port USB type A
Supply	Power supply 24 VDC
Width	1.7 in (44 mm)
Height	10.6 in (270 mm)

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Depth	8.7 in (222 mm)
Net weight	4.9 lb(US) (2.2 kg)

Environment

Standards	IEC 61131-2 CSA C22.2 No 14 UL 508 CSA C22.2 No 142
Product certifications	EAC cULus CSA CE
Ambient air temperature for operation	41...131 °F (5...55 °C)
Relative humidity	5...95 % without condensation
IP degree of protection	IP20IEC 60529
Pollution degree	2 IEC 61131-2
Operating altitude	0...2000 m
Vibration resistance	3.5 mm 5...8.4 Hz 10 m/s² 8.4...150 Hz
Shock resistance	150 m/s² 6 ms operation)IEC 60721-3-3

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	4.528 in (11.500 cm)
Package 1 Width	13.189 in (33.500 cm)
Package 1 Length	17.323 in (44.000 cm)
Package 1 Weight	4.879 lb(US) (2.213 kg)
Unit Type of Package 2	P06
Number of Units in Package 2	10
Package 2 Height	29.528 in (75.000 cm)
Package 2 Width	23.622 in (60.000 cm)
Package 2 Length	31.496 in (80.000 cm)
Package 2 Weight	67.356 lb(US) (30.552 kg)

Contractual warranty

Warranty (in months)	18
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Environmental Data

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
SCIP Number	90542e8d-37a0-413c-9a67-b77780cef36
EU RoHS Directive	Compliant By Exemption
REACH Regulation	Reference contains Substances of Very High Concern above the threshold
PVC free	Yes

Use Longer



Lifetime extension

Repair	No
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Use Again



Repack and remanufacture

Circularity Profile	End of Life Information
Take-back	No