

# Product data sheet

Specifications



## Motion controller LMC106 6 axis - Acc kit - Basic

LMC106CAA10000

**Product availability: Non-Stock - Not normally stocked in  
distribution facility**

### Main

Range of Product	PacDrive 3
Product or Component Type	Motion controller

### Complementary

Product Compatibility	LMC106
Number of axis	6
Discrete input number	8 digital input IEC 61131-2 Type 1 4 touch probe input IEC 61131-2 Type 1
Discrete input voltage	15...30 V - 3...5 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) ST (structured text) SFC (sequential function chart) FBD (function block diagram) CFC (continuous function chart) IL (instruction list)
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)

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

<b>Height</b>	10.6 in (270 mm)
<b>Depth</b>	8.7 in (222 mm)
<b>Net Weight</b>	4.9 lb(US) (2.2 kg)

## Environment

<b>Standards</b>	UL 508 EN/IEC 61131-2 CSA C22.2 No 142 CSA C22.2 No 14
<b>Product Certifications</b>	cULus CSA CE EAC
<b>Ambient air temperature for operation</b>	41...131 °F (5...55 °C)
<b>Relative humidity</b>	5...95 % without condensation
<b>IP degree of protection</b>	IP20EN/IEC 60529
<b>Pollution degree</b>	2 IEC 61131-2
<b>Operating altitude</b>	0...6561.68 ft (0...2000 m)
<b>Vibration resistance</b>	3.5 mm 5...8.4 Hz 10 m/s <sup>2</sup> 8.4...150 Hz
<b>Shock resistance</b>	150 m/s <sup>2</sup> 6 ms operation)EN/IEC 60721-3-3

## Ordering and shipping details

<b>Category</b>	US1PC5218354
<b>Discount Schedule</b>	PC52
<b>GTIN</b>	3606485400310
<b>Returnability</b>	Yes
<b>Country of origin</b>	FR

## Packing Units

<b>Unit Type of Package 1</b>	PCE
<b>Nbr. of units in pkg.</b>	1
<b>Package 1 Height</b>	4.528 in (11.500 cm)
<b>Package 1 Width</b>	13.189 in (33.500 cm)
<b>Package 1 Length</b>	17.323 in (44.000 cm)
<b>Package weight(Lbs)</b>	4.879 lb(US) (2.213 kg)
<b>Unit Type of Package 2</b>	P06
<b>Number of Units in Package 2</b>	10
<b>Package 2 Height</b>	29.528 in (75.000 cm)
<b>Package 2 Width</b>	23.622 in (60.000 cm)
<b>Package 2 Length</b>	31.496 in (80.000 cm)
<b>Package 2 Weight</b>	67.131 lb(US) (30.450 kg)



## 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

[EU RoHS Directive](#)

Pro-active compliance (Product out of EU RoHS legal scope)

SCIP Number

90542e8d-37a0-413c-9a67-b77780fcef36

REACH Regulation

[REACH Declaration](#)

California proposition 65

**WARNING:** This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

PVC free

Yes

## Use Again

### Repack and remanufacture

Circularity Profile

[End of Life Information](#)

Take-back

No