# Product data sheet

Specifications



## Motion controller LMC201 8 axis, Acc kit, Basic

LMC201CAA10000

**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** | LMC201 |
| **Number of axis** | 8 |
| **Discrete input number** | 8 digital input IEC 61131-2 Type 1<br>4 touch probe input IEC 61131-2 Type 1 |
| **Discrete input voltage** | 15...30 V<br>- 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<br>100 µs...4.29 s configurable touch probe input<br>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<br>128 kB NVRAM |
| **Programming language** | LD (ladder)<br>SFC (sequential function chart)<br>ST (structured text)<br>CFC (continuous function chart)<br>FBD (function block diagram)<br>IL (instruction list) |
| **Integrated connection type** | 2 Ethernet port RJ45 Sercos<br>1 Ethernet port RJ45 Ethernet 10/100BASE-T, FTP/HTTP<br>1 Ethernet port RJ45 master encoder<br>1 serial link RJ45 RS232/RS485<br>1 CAN port SUB-D 9 CANopen<br>1 USB port USB type A |
| **Supply** | Power supply 24 VDC |
| **Width** | 1.7 in (44 mm) |
| **Height** | 10.6 in (270 mm) |

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

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) |
| **Product Weight** | 4.9 lb(US) (2.2 kg) |

## Environment

| | |
|---|---|
| **Standards** | CSA C22.2 No 14<br>CSA C22.2 No 142<br>UL 508<br>IEC 61131-2 |
| **Product Certifications** | cULus<br>CSA<br>CE<br>EAC |
| **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...6561.68 ft (0...2000 m) |
| **Vibration resistance** | 3.5 mm 5…8.4 Hz<br>10 m/s² 8.4…150 Hz |
| **Shock resistance** | 150 m/s² 6 ms operation)IEC 60721-3-3 |

## Ordering and shipping details

| | |
|---|---|
| **Category** | US1PC5218354 |
| **Discount Schedule** | PC52 |
| **GTIN** | 3606485305554 |
| **Returnability** | No |
| **Country of origin** | FR |

## Packing Units

| | |
|---|---|
| **Unit Type of Package 1** | PCE |
| **Nbr. of units in pkg.** | 1 |
| **Package 1 Height** | 4.134 in (10.500 cm) |
| **Package 1 Width** | 13.189 in (33.500 cm) |
| **Package 1 Length** | 17.323 in (44.000 cm) |
| **Package weight(Lbs)** | 4.868 lb(US) (2.208 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** | 72.753 lb(US) (33.000 kg) |

## Contractual warranty

| | |
|---|---|
| **Warranty (in months)** | 18 |

## 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-b77780fcef36 |
| EU RoHS Directive | Compliant By Exemption |
| REACh Regulation | Reference contains Substances of Very High Concern above the threshold |
| 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 |
| PVC free | Yes |

## Use Longer

### Lifetime extension

| | |
|---|---|
| Repair | No |

## Use Again

### Repack and remanufacture

| | |
|---|---|
| Circularity Profile | End of Life Information |
| Take-back | No |