



### Main

Range of product	PacDrive 3
Product or component type	Motion controller

### Complementary

Product compatibility	LMC402
Number of axis	16
Discrete input number	20 for digital input conforming to IEC 61131-2 Type 1 4 for interrupt input conforming to IEC 61131-2 Type 1 16 for touch probe input conforming to IEC 61131-2 Type 1
Discrete input voltage	20...33 V 0...6 V
Discrete input voltage type	DC
Analogue input number	2
Analogue input type	Voltage analog input: - 10...10 V Current analog input: - 20...20 mA
Analogue input resolution	12 bits
Discrete input current	5 mA for digital input 5 mA for interrupt input 5 mA for touch probe input
Input impedance	100000 Ohm for analog input 500 Ohm
Anti bounce filtering	1 ms or 5 ms configurable digital input 100 µs touch probe input 0.1 ms or 1 ms configurable interrupt input
Discrete output number	16 digital output 2 analog output
Discrete output current	250 mA for digital output
Maximum leakage current	0.4 mA
Maximum number of I/O expansion module	2
[Us] rated supply voltage	24 V DC
Power consumption in W	36 W
Memory type	256 kB NVRAM 1 GB RAM DDR3L
Programming language	LD (ladder) FBD (function block diagram) CFC (continuous function chart) ST (structured text) SFC (sequential function chart) IL (instruction list)

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Integrated connection type	2 Ethernet port, connector RJ45 for protocol Sercos 1 CAN port, connector SUB-D 9 for protocol CANopen 1 USB port, connector USB type A 2 Ethernet port, connector RJ45 for protocol RT-Ethernet (real-time) 1 Ethernet port, connector RJ45 for protocol PacNet 1 port, connector SUB-D 9 for protocol Profibus DP 1 COM1 serial link, connector SUB-D 9 for protocol RS232 1 COM2 serial link, connector SUB-D 9 for protocol RS422/RS485 1 port, connector SUB-D 9 for master encoder 1 Ethernet port, connector RJ45 for protocol Ethernet 10/100/1000BASE-T, FTP/HTTP
Supply	Power supply: 24 VDC, <1 A
Width	100 mm
Height	310 mm
Depth	243 mm
Net weight	3.5 kg

## Environment

Standards	EN/IEC 61131-2 CSA C22.2 No 14 UL 508C CSA C22.2 No 274
Product certifications	EAC[RETURN]CSA[RETURN]cULus[RETURN]CE
Ambient air temperature for operation	5...40 °C
Relative humidity	5...95 % without condensation
IP degree of protection	IP20 conforming to EN/IEC 60529
Pollution degree	2 conforming to IEC 61131-2
Vibration resistance	3.5 mm at 5...8.4 Hz 10 m/s <sup>2</sup> at 8.4...150 Hz
Shock resistance	150 m/s <sup>2</sup> 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	17.2 cm
Package 1 Width	32.5 cm
Package 1 Length	42.5 cm
Package 1 Weight	5.2 kg

## Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	 <a href="#">REACH Declaration</a>
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)
Mercury free	Yes
China RoHS Regulation	 <a href="#">China RoHS Declaration</a>
RoHS exemption information	 <a href="#">Yes</a>
Environmental Disclosure	 <a href="#">Product Environmental Profile</a>
Circularity Profile	 <a href="#">End Of Life Information</a>
PVC free	Yes