



### Main

Range of product	PacDrive 3
Product or component type	Motion controller

### Complementary

Product compatibility	LMC402
Number of axis	16
Discrete input number	20 digital input IEC 61131-2 Type 1 4 interrupt input IEC 61131-2 Type 1 16 touch probe input 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 digital input 5 mA interrupt input 5 mA touch probe input
Input impedance	100000 Ohm 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 digital output
Maximum leakage current	0.4 mA
Maximum number of I/O expansion module	2

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

[Us] rated supply voltage	24 V DC
Power consumption in W	36 W
Memory type	256 kB NVRAM 1 GB RAM DDR3L
Programming language	ST (structured text) FBD (function block diagram) SFC (sequential function chart) IL (instruction list) LD (ladder) CFC (continuous function chart)
Integrated connection type	2 Ethernet port RJ45 Sercos 1 CAN port SUB-D 9 CANopen 1 USB port USB type A 2 Ethernet port RJ45 RT-Ethernet (real-time) 1 Ethernet port RJ45 PacNet 1 port SUB-D 9 Profibus DP 1 COM1 serial link SUB-D 9 RS232 1 COM2 serial link SUB-D 9 RS422/RS485 1 port SUB-D 9 master encoder 1 Ethernet port RJ45 Ethernet 10/100/1000BASE-T, FTP/HTTP
Supply	Power supply 24 VDC, <1 A
Width	3.94 in (100 mm)
Height	12.20 in (310 mm)
Depth	9.57 in (243 mm)
Net weight	7.72 lb(US) (3.5 kg)

## Environment

Standards	EN/IEC 61131-2 CSA C22.2 No 14 UL 508C CSA C22.2 No 274
Product certifications	CE CULus EAC CSA
Ambient air temperature for operation	41...104 °F (5...40 °C)
Relative humidity	5...95 % without condensation
IP degree of protection	IP20EN/IEC 60529
Pollution degree	2 IEC 61131-2
Vibration resistance	3.5 mm 5...8.4 Hz 10 m/s <sup>2</sup> 8.4...150 Hz
Shock resistance	150 m/s <sup>2</sup> 6 ms operation)EN/IEC 60721-3-3

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	11.75 lb(US) (5.33 kg)
Package 1 Height	6.77 in (17.2 cm)
Package 1 width	12.80 in (32.5 cm)
Package 1 Length	16.73 in (42.5 cm)

## 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) <a href="#">EU RoHS Declaration</a>
Mercury free	Yes
RoHS exemption information	<a href="#">Yes</a>
China RoHS Regulation	<a href="#">China RoHS declaration</a>

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Environmental Disclosure	<a href="#">Product Environmental Profile</a>
Circularity Profile	<a href="#">End of Life Information</a>
PVC free	Yes

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