



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	0...6 V 20...33 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

[Us] rated supply voltage	24 V DC
Power consumption in W	36 W
Memory type	256 kB NVRAM 1 GB RAM DDR3L
Programming language	SFC (sequential function chart) FBD (function block diagram) IL (instruction list) ST (structured text) 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	UL 508C EN/IEC 61131-2 CSA C22.2 No 14 CSA C22.2 No 274
Product certifications	CSA CULus EAC CE
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/s² 8.4...150 Hz
Shock resistance	150 m/s² 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	REACH Declaration
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	China RoHS declaration

Environmental Disclosure	Product Environmental Profile
Circularity Profile	End of Life Information
PVC free	Yes