



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 conforming to IEC 61131-2 Type 1 4 interrupt input conforming to IEC 61131-2 Type 1 16 touch probe input conforming to 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	Configurable from 1 ms or 5 ms for digital input From 100 µs for touch probe input Configurable from 0.1 ms or 1 ms for interrupt input
Discrete output number	16 digital output 2 analog output
Discrete output current	250 mA for digital output
Leakage current	< 0.4 mA
Number of I/O expansion module	2
[Us] rated supply voltage	24 V DC
Power consumption	36 W
Memory type	NVRAM 256 kB RAM DDR3L 1 GB
Programming language	CFC (continuous function chart) FBD (function block diagram) IL (instruction list) LD (ladder) SFC (sequential function chart) ST (structured text)

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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 V DC, 1 A
Width	100 mm
Height	310 mm
Depth	243 mm
Product weight	3.5 kg

Environment

Standards	EN/IEC 61131-2 UL 508C CSA C22.2 No 14 CSA C22.2 No 274
Product certifications	CE CSA CULus EAC
Ambient air temperature for operation	5...55 °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 (f = 5...8.4 Hz) 10 m/s ² (f = 8.4...150 Hz)
Shock resistance	150 m/s ² (duration = 6 ms) conforming to EN/IEC 60721-3-3 operation

Offer Sustainability

Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 1606 - Schneider Electric declaration of conformity
REACH	Reference not containing SVHC above the threshold
Product environmental profile	Available
Product end of life instructions	Available