



Main

Range of product	PacDrive 3
Product or component type	Motion controller

Complementary

Product compatibility	LMC400
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	RAM DDR2 512 MB NVRAM 128 kB
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 Ethernet port, connector RJ45 for protocol Ethernet 10/100BASE-T, FTP/HTTP 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
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 1210 - Schneider Electric declaration of conformity
REACH	Reference not containing SVHC above the threshold
Product environmental profile	Available Download Product Environmental
Product end of life instructions	Available Download End Of Life Manual