



Main

Range of product	PacDrive 3
Product or component type	Motion controller

Complementary

Product compatibility	LMC106
Number of axis	<= 6
Discrete input number	8 digital input conforming to IEC 61131-2 Type 1 4 touch probe input conforming to IEC 61131-2 Type 1
Discrete input voltage	- 3...5 V 15...30 V
Discrete input voltage type	DC
Discrete input current	4 mA digital input
Anti bounce filtering	Configurable from 100 µs...4.29 s for digital input Configurable from 100 µs...4.29 s for touch probe input Configurable from 100 µs...4.29 s for interrupt input
Cable length	<= 50 m
Discrete output number	8 digital output
Discrete output current	500 mA for digital output
Leakage current	<= 0.5 mA
Number of I/O expansion module	1
[Us] rated supply voltage	24 V DC
Power consumption	30 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)
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 Ethernet port, connector RJ45 for master encoder 1 serial link, connector RJ45 for protocol RS232/RS485 1 CAN port, connector SUB-D 9 for protocol CANopen 1 USB port, connector USB type A
Supply	Power supply 24 V DC
Width	44 mm
Height	270 mm
Depth	222 mm
Product weight	2.2 kg

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Environment

Standards	CSA C22.2 No 142 EN/IEC 61131-2 UL 508 CSA C22.2 No 14
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
Operating altitude	0...2000 m
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 1429 - 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