



Main

Range of product	PacDrive 3
Product or component type	Motion controller

Complementary

Product compatibility	LMC212
Number of axis	12
Discrete input number	8 for digital input conforming to IEC 61131-2 Type 1 4 for 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 for digital input
Anti bounce filtering	100 µs...4.29 s configurable digital input 100 µs...4.29 s configurable touch probe input 100 µs...4.29 s configurable interrupt input
Maximum cable distance between devices	<50 m
Discrete output number	8 digital output
Discrete output current	500 mA for digital output
Maximum leakage current	0.5 mA
Maximum number of I/O expansion module	1
[Us] rated supply voltage	24 V DC
Power consumption in W	30 W
Memory type	512 MB RAM DDR2 128 kB NVRAM
Programming language	ST (structured text) IL (instruction list) LD (ladder) FBD (function block diagram) CFC (continuous function chart) SFC (sequential function chart)
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 VDC
Width	44 mm
Height	270 mm
Depth	222 mm
Net weight	2.2 kg

Environment

Standards	CSA C22.2 No 142 CSA C22.2 No 14 UL 508 EN/IEC 61131-2
Product certifications	CE[RETURN]EAC[RETURN]cULus[RETURN]CSA
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 at 5...8.4 Hz 10 m/s² at 8.4...150 Hz
Shock resistance	150 m/s² for 6 ms (operation) conforming to EN/IEC 60721-3-3

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	10.2 cm
Package 1 Width	32.5 cm
Package 1 Length	42.5 cm
Package 1 Weight	2.2 kg
Unit Type of Package 2	S06
Number of Units in Package 2	10
Package 2 Height	75.0 cm
Package 2 Width	40.0 cm
Package 2 Length	60.0 cm
Package 2 Weight	6.0 kg

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)
Mercury free	Yes
China RoHS Regulation	 China RoHS Declaration
RoHS exemption information	 Yes
Environmental Disclosure	 Product Environmental Profile
Circularity Profile	 End Of Life Information
PVC free	Yes