



Main

Range of product	PacDrive 3
Product or component type	Single drive
Component name	LXM62

Complementary

Product compatibility	Servo motor SH3 (140 mm, 4 motor stacks) optimized in terms of torque and speed Servo motor SH3 (205 mm, 1 motor stack) optimized in terms of torque and speed Servo motor SH3 (205 mm, 2 motor stacks) optimized in terms of torque and speed Servo motor SH3 (205 mm, 3 motor stacks) optimized in terms of torque and speed Servo motor MH3 (140 mm, 2 motor stacks) optimized in terms of torque and speed Servo motor MH3 (140 mm, 3 motor stacks) optimized in terms of torque and speed Servo motor MH3 (190 mm, 1 motor stack) optimized in terms of torque and speed Servo motor MH3 (190 mm, 2 motor stacks) optimized in terms of torque and speed Servo motor MH3 (190 mm, 3 motor stacks) optimized in terms of torque and speed Servo motor SHS
[Us] rated supply voltage	24 V DC
Continuous output current	50 A at 4 kHz
Output current 3s peak	130 A at 4 kHz
Continuous power	24 kW
Overvoltage category	III
Electrical connection	Terminal, clamping capacity: 0.2...15 mm ² , AWG 24...AWG 16 (CN4) Terminal, clamping capacity: 0.5...16 mm ² , AWG 20...AWG 6 (CN5) Terminal, clamping capacity: 0.75...16 mm ² , AWG 18...AWG 6 (CN6) Terminal, clamping capacity: 0.2...6 mm ² , AWG 24...AWG 10 (CN7)
Tightening torque	CN1: 2.5 N.m
Number of inputs	2 digital 2 touch probe
Discrete input voltage	24 V DC
Number of outputs	2 digital
Discrete output voltage	24 V DC
Safety function	STO (safe torque off)

Physical interface	SERCOS III
Product weight	6.8 kg

Environment

Standards	UL 508C EN 61800-5-1 EN/ISO 13849-1 IEC 61508 EN 61800-3 IEC 62061 EN 61800-5-2 EN 62061 EN/ISO 13849-2 CSA C22.2 No 14
Product certifications	CSA UL CE EAC TÜV
IP degree of protection	IP20 conforming to EN/IEC 60529
Vibration resistance	10 m/s² conforming to EN/IEC 60721-3-3
Shock resistance	100 m/s² conforming to EN/IEC 60721-3-3
Pollution degree	2 conforming to EN/IEC 61800-5-2
Environmental characteristic	3K3 conforming to IEC 60721-3-3
Relative humidity	5...85 %
Ambient air temperature for operation	5...55 °C

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

Contractual warranty

Warranty	18 months
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