



Main

Range of product	PacDrive 3
Product or component type	Single drive
Device short name	LXM 62

Complementary

Product compatibility	<p>Servo motor SHS</p> <p>Servo motor SH3 (70 mm, 2 motor stacks)optimized in terms of torque and speed</p> <p>Servo motor SH3 (70 mm, 3 motor stacks)optimized in terms of torque and speed</p> <p>Servo motor SH3 (100 mm, 1 motor stacks)optimized in terms of torque and speed</p> <p>Servo motor SH3 (100 mm, 2 motor stacks)optimized in terms of torque and speed</p> <p>Servo motor SH3 (100 mm, 2 motor stacks)optimized in terms of high torque</p> <p>Servo motor SH3 (100 mm, 3 motor stacks)optimized in terms of high torque</p> <p>Servo motor SH3 (140 mm, 1 motor stacks)optimized in terms of high torque</p> <p>Servo motor MH3 (70 mm, 2 motor stacks)optimized in terms of torque and speed</p> <p>Servo motor MH3 (70 mm, 3 motor stacks)optimized in terms of torque and speed</p> <p>Servo motor MH3 (100 mm, 1 motor stacks)optimized in terms of torque and speed</p>
Network number of phases	<p>Single phase</p> <p>Three phase</p>
[Us] rated supply voltage (through power supply module)	<p>400 V three phase (tolerance: - 10...10 %)</p> <p>230 V three phase (tolerance: - 10...10 %)</p> <p>230 V single phase (tolerance: - 10...10 %)</p>
Supply frequency	50/60 Hz +/-5 %
Continuous output current	5 A at 4 kHz
Output current 3s peak	15 A at 4 kHz
Continuous power	2.4 kW
Nominal power	2.4 kW
Overvoltage category	III
Electrical connection	<p>Terminal, clamping capacity: 0.2...15 mm², AWG 24...AWG 16 (CN4)</p> <p>Terminal, clamping capacity: 0.5...16 mm², AWG 20...AWG 6 (CN5)</p> <p>Terminal, clamping capacity: 0.75...16 mm², AWG 18...AWG 6 (CN6)</p> <p>Terminal, clamping capacity: 0.2...6 mm², AWG 24...AWG 10 (CN7)</p>
Tightening torque	CN1: 2.5 N.m
Number of inputs	<p>2 digital</p> <p>2 touch probe</p>
Discrete input voltage	24 V DC for - 20...25 %
Number of outputs	2 digital
Discrete output voltage	24 V DC
Safety function	STO (safe torque off)
Physical interface	SERCOS III
Net weight	3 kg

Environment

Standards	CSA C22.2 No 14 EN 61800-5-1 EN/ISO 13849-1 EN/ISO 13849-2 UL 508C EN 62061 IEC 61508 IEC 62061 EN 61800-5-2 EN 61800-3
Product certifications	CSA TÜV CE EAC UL
IP degree of protection	IP20 conforming to EN/IEC 60529
Vibration resistance	10 m/s ² conforming to EN/IEC 60721-3-3
Shock resistance	100 m/s ² 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

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	3.828 kg
Unit Type of Package 2	S06
Number of Units in Package 2	10
Package 2 Height	75.0 cm
Package 2 Width	60.0 cm
Package 2 Length	80.0 cm
Package 2 Weight	51.28 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) EU RoHS Declaration
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

Contractual warranty

Warranty	18 Monate
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