



Main

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

Complementary

Product compatibility	<p>Servo motor SH3 (140 mm, 4 motor stacks) optimized in terms of torque and speed</p> <p>Servo motor SH3 (205 mm, 1 motor stacks) optimized in terms of torque and speed</p> <p>Servo motor SH3 (205 mm, 2 motor stacks) optimized in terms of torque and speed</p> <p>Servo motor SH3 (205 mm, 3 motor stacks) optimized in terms of torque and speed</p> <p>Servo motor MH3 (140 mm, 2 motor stacks) optimized in terms of torque and speed</p> <p>Servo motor MH3 (140 mm, 3 motor stacks) optimized in terms of torque and speed</p> <p>Servo motor MH3 (190 mm, 1 motor stacks) optimized in terms of torque and speed</p> <p>Servo motor MH3 (190 mm, 2 motor stacks) optimized in terms of torque and speed</p> <p>Servo motor MH3 (190 mm, 3 motor stacks) optimized in terms of torque and speed</p> <p>Servo motor SHS</p>
Network number of phases	Three phase
[Us] rated supply voltage (through power supply module)	<p>400 V (- 10...10 %) for three phase</p> <p>230 V (- 10...10 %) for three phase</p> <p>230 V (- 10...10 %) for single phase</p>
Supply frequency	50/60 Hz - 5...5 %
Continuous output current	50 A at 4 kHz
Output current 3s peak	130 A at 4 kHz
Continuous power	24.7 kW
Nominal power	24.7 kW
Switching frequency	8 kHz
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) SS1 (safe stop 1) SS2 (safe stop 2) SOS (safe operating stop) SMS (safe maximum speed) SLS (safe limited speed) SDI (safe direction indication)
Communication interface	SERCOS III, integrated
Depth	270 mm
Height	310 mm
Width	89.5 mm
Net weight	6.8 kg

Environment

Standards	IEC 61800-3 ISO 13849-1 ISO 13849-2 CSA C22.2 No 14 UL 508C IEC 61800-5-2 IEC 61800-5-1 IEC 62061 IEC 62061 IEC 61508
Product certifications	EAC[RETURN]CE[RETURN]UL[RETURN]TÜV[RETURN]CSA
IP degree of protection	IP20 conforming to IEC 60529
Vibration resistance	10 m/s ² conforming to IEC 60721-3-3
Shock resistance	100 m/s ² conforming to IEC 60721-3-3
Pollution degree	2 conforming to 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	17.2 cm
Package 1 Width	32.5 cm
Package 1 Length	42.5 cm
Package 1 Weight	3.91 kg
Unit Type of Package 2	S06
Number of Units in Package 2	6
Package 2 Height	75.0 cm
Package 2 Width	60.0 cm
Package 2 Length	80.0 cm
Package 2 Weight	36.46 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