



Main

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

Complementary

Product compatibility	Servo motor SHS[RETURN]Servo motor SH3 (70 mm, 2 motor stacks)optimized in terms of torque and speed[RETURN]Servo motor SH3 (70 mm, 3 motor stacks)optimized in terms of torque and speed[RETURN]Servo motor SH3 (100 mm, 1 motor stacks)optimized in terms of torque and speed[RETURN]Servo motor SH3 (100 mm, 2 motor stacks)optimized in terms of torque and speed[RETURN]Servo motor SH3 (100 mm, 3 motor stacks)optimized in terms of high torque[RETURN]Servo motor SH3 (100 mm, 2 motor stacks)optimized in terms of high torque[RETURN]Servo motor SH3 (140 mm, 1 motor stacks)optimized in terms of high torque[RETURN]Servo motor MH3 (70 mm, 2 motor stacks)optimized in terms of torque and speed[RETURN]Servo motor MH3 (70 mm, 3 motor stacks)optimized in terms of torque and speed[RETURN]Servo motor MH3 (100 mm, 1 motor stacks)optimized in terms of torque and speed
Network number of phases	Three phase
[Us] rated supply voltage (through power supply module)	400 V (- 10...10 %) for three phase 230 V (- 10...10 %) for three phase 230 V (- 10...10 %) for single phase
Supply frequency	50/60 Hz - 5...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
Switching frequency	8 kHz
Overvoltage category	III
Electrical connection	Terminal, clamping capacity: 0.2...15 mm <sup>2</sup> , AWG 24...AWG 16 (CN4) Terminal, clamping capacity: 0.5...16 mm <sup>2</sup> , AWG 20...AWG 6 (CN5) Terminal, clamping capacity: 0.75...16 mm <sup>2</sup> , AWG 18...AWG 6 (CN6) Terminal, clamping capacity: 0.2...6 mm <sup>2</sup> , 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 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)

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Communication interface	SERCOS III, integrated
Depth	270 mm
Height	310 mm
Width	44.5 mm
Net weight	3 kg

## Environment

Standards	IEC 61800-5-2 IEC 61800-5-1 IEC 61800-3 ISO 13849-1 IEC 62061 UL 508C IEC 61508 IEC 62061 ISO 13849-2 CSA C22.2 No 14
Product certifications	TÜV[RETURN]EAC[RETURN]CSA[RETURN]UL[RETURN]CE
IP degree of protection	IP20 conforming to IEC 60529
Vibration resistance	10 m/s <sup>2</sup> conforming to IEC 60721-3-3
Shock resistance	100 m/s <sup>2</sup> 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	10.2 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	10
Package 2 Height	75.0 cm
Package 2 Width	60.0 cm
Package 2 Length	80.0 cm
Package 2 Weight	52.1 kg

## Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	 <a href="#">REACH Declaration</a>
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)
Mercury free	Yes
China RoHS Regulation	 <a href="#">China RoHS Declaration</a>
RoHS exemption information	 <a href="#">Yes</a>
Environmental Disclosure	 <a href="#">Product Environmental Profile</a>
Circularity Profile	 <a href="#">End Of Life Information</a>
PVC free	Yes