



Main

Range of product	PacDrive 3
Device short name	LXM 62
Product or component type	Double 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 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 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 62061 IEC 61800-3 IEC 61800-5-2 IEC 62061 ISO 13849-2 ISO 13849-1 UL 508C IEC 61508 IEC 61800-5-1 CSA C22.2 No 14
Product certifications	CE[RETURN]UL[RETURN]CSA[RETURN]EAC[RETURN]TÜV
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	10.500 cm
Package 1 Width	33.500 cm
Package 1 Length	44.000 cm
Package 1 Weight	4.054 kg
Unit Type of Package 2	S04
Number of Units in Package 2	2
Package 2 Height	30.000 cm
Package 2 Width	40.000 cm
Package 2 Length	60.000 cm
Package 2 Weight	8.758 kg
Unit Type of Package 3	P06
Number of Units in Package 3	8
Package 3 Height	75.000 cm
Package 3 Width	80.000 cm
Package 3 Length	60.000 cm
Package 3 Weight	43.032 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