



### Main

Range of product	PacDrive 3
Device short name	LXM 52
Product or component type	Single drive
Product compatibility	Servo motor SH3 (100 mm, 3 motor stacks)optimized in terms of torque and speed Servo motor SH3 (100 mm, 4 motor stacks)optimized in terms of torque and speed Servo motor SH3 (140 mm, 1 motor stacks)optimized in terms of torque and speed Servo motor MH3 (100 mm, 3 motor stacks)optimized in terms of torque and speed Servo motor MH3 (140 mm, 1 motor stacks)optimized in terms of torque and speed

### Complementary

Network number of phases	3 phases
[Us] rated supply voltage	208...480 V - 15...10 %
Supply frequency	50...60 Hz - 5...5 %
Continuous output current	10 A at 8 kHz
Output current 3s peak	30 A
Continuous power	5.6 kW
Nominal power	3 kW
Switching frequency	8 kHz
Overshoot category	III
Electrical connection	Terminal, clamping capacity: 0.75...5.3 mm <sup>2</sup> , AWG 18...AWG 10 (CN1) Terminal, clamping capacity: 0.75...5.3 mm <sup>2</sup> , AWG 18...AWG 10 (CN10)
Tightening torque	CN1: 0.68 N.m CN10: 0.68 N.m
Number of inputs	4 digital 4 touch probe
Discrete input voltage	24 V DC
Number of outputs	2 digital
Discrete output voltage	24 V DC
Contact bounce time	> 1 ms for compliment of STO_A, compliment of STO_B
Communication interface	SERCOS III, integrated
Width	68 mm
Height	270 mm
Depth	217 mm
Net weight	2.7 kg

### Environment

Standards	IEC 61800-3 IEC 61800-5-1
Product certifications	CE[RETURNJUL]
IP degree of protection	IP20 conforming to IEC 60721-3-3
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
Environmental characteristic	3K3 conforming to IEC 60721-3-3

Relative humidity	5...95 %
Ambient air temperature for operation	0...50 °C

### Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	11 cm
Package 1 Width	27.5 cm
Package 1 Length	33 cm
Package 1 Weight	3.582 kg
Unit Type of Package 2	S03
Number of Units in Package 2	2
Package 2 Height	30 cm
Package 2 Width	30 cm
Package 2 Length	40 cm
Package 2 Weight	7.274 kg
Unit Type of Package 3	P06
Number of Units in Package 3	16
Package 3 Height	80 cm
Package 3 Width	80 cm
Package 3 Length	60 cm
Package 3 Weight	71.516 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	 Yes
Environmental Disclosure	 <a href="#">Product Environmental Profile</a>
Circularity Profile	 <a href="#">End Of Life Information</a>
PVC free	Yes

### Contractual warranty

Warranty	18 months
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