



Main

Range of product	PacDrive 3
Product or component type	Single drive
Device short name	LXM 52
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
Overvoltage category	III
Electrical connection	Terminal, clamping capacity: 0.75...5.3 mm ² , AWG 18...AWG 10 (CN1) Terminal, clamping capacity: 0.75...5.3 mm ² , 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
Physical interface	SERCOS III
Width	68 mm
Height	270 mm
Depth	217 mm
Product weight	2.7 kg

Environment

Standards	EN/IEC 61800-3 EN/IEC 61800-5-1
Product certifications	CE UL
IP degree of protection	IP20 conforming to EN/IEC 60721-3-3
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
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	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 months
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