

Product datasheet

Specifications



LXM52 single drive 10A/30A

LXM52DD30C41000

EAN Code: 3606480517327

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
Component name	LXM52

Complementary

Network number of phases	Three phase
[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
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 UL
IP degree of protection	IP20 conforming to IEC 60721-3-3
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
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	11.000 cm
Package 1 Width	27.500 cm
Package 1 Length	33.000 cm
Package 1 Weight	3.311 kg
Unit Type of Package 2	S03
Number of Units in Package 2	2
Package 2 Height	30.000 cm
Package 2 Width	30.000 cm
Package 2 Length	40.000 cm
Package 2 Weight	7.346 kg
Unit Type of Package 3	P06
Number of Units in Package 3	16
Package 3 Height	75.000 cm
Package 3 Width	60.000 cm
Package 3 Length	80.000 cm
Package 3 Weight	68.768 kg

Logistical informations

Country of origin	ID
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Contractual warranty

Warranty	18 months
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Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

Environmental footprint

Total lifecycle Carbon footprint 5241

Environmental Disclosure [Product Environmental Profile](#)

Use Better

Materials and Substances

Packaging made with recycled cardboard Yes

Packaging without single use plastic Yes

[EU RoHS Directive](#) Pro-active compliance (Product out of EU RoHS legal scope)

SCIP Number 3d0be293-7e12-47d2-b52f-e501202c4302

REACH Regulation [REACH Declaration](#)

PVC free Yes

Use Again

Repack and remanufacture

End of life manual availability [End of Life Information](#)

Take-back No