

# Product datasheet

Specifications



## LXM52 single drive 24A/72A

LXM52DD72C41000

### Main

Range of product	PacDrive 3
Device short name	LXM 52
Product or component type	Single drive
Product compatibility	Servo motor SH3 (100 mm, 4 motor stacks) optimized in terms of torque and speed Servo motor SH3 (140 mm, 2 motor stacks) optimized in terms of torque and speed Servo motor SH3 (140 mm, 3 motor stacks) optimized in terms of torque and speed Servo motor SH3 (140 mm, 4 motor stacks) optimized in terms of torque and speed Servo motor SH3 (205 mm, 1 motor stacks) optimized in terms of torque and speed Servo motor SH3 (205 mm, 2 motor stacks) optimized in terms of torque and speed Servo motor SH3 (205 mm, 3 motor stacks) optimized in terms of torque and speed Servo motor MH3 (140 mm, 2 motor stacks) optimized in terms of torque and speed Servo motor MH3 (140 mm, 3 motor stacks) optimized in terms of torque and speed Servo motor MH3 (190 mm, 1 motor stacks) optimized in terms of torque and speed Servo motor MH3 (190 mm, 2 motor stacks) optimized in terms of torque and speed Servo motor MH3 (190 mm, 3 motor stacks) optimized in terms of torque and speed

### 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	13 A at 8 kHz
Output current 3s peak	72 A
Continuous power	13 kW
Nominal power	7 kW
Switching frequency	8 kHz
Overvoltage category	III
Electrical connection	Terminal, clamping capacity: 0.75...10 mm <sup>2</sup> , AWG 18...AWG 8 (CN1)
Tightening torque	CN10: 0.68 N.m
Number of inputs	4 digital
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	108 mm
Height	274.1 mm
Depth	217 mm

---

Net weight	5 kg
------------	------

## Environment

---

Standards	IEC 61800-3
Product certifications	CE
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	14.5 cm
Package 1 Width	27.5 cm
Package 1 Length	33 cm
Package 1 Weight	5.66 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	11.836 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	104.764 kg

## Contractual warranty

---

Warranty	18 months
----------	-----------

## Sustainability

**Green Premium™ label** is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO<sub>2</sub> products.

**Guide to assessing product sustainability** is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

[Learn more about Green Premium >](#)

[Guide to assess a product's sustainability >](#)



Transparency RoHS/REACH

## Well-being performance

Mercury Free

Rohs Exemption Information Yes

## Certifications & Standards

Reach Regulation [REACH Declaration](#)

Eu Rohs Directive Pro-active compliance (Product out of EU RoHS legal scope)

China Rohs Regulation [China RoHS declaration](#)

Environmental Disclosure [Product Environmental Profile](#)

Circularity Profile [End of Life Information](#)