# Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications



# LXM52 single drive 24A/72A

LXM52DD72C41000

EAN Code: 3606480517334

### Main

23	Range of product
	Device short name
ive	Product or component type
otor SH3 (100 mm, 4 motor stacks)optimized in terms of torque and spe	Product compatibility
otor SH3 (140 mm, 2 motor stacks)optimized in terms of torque and spe	
otor SH3 (140 mm, 3 motor stacks)optimized in terms of torque and spe	
otor SH3 (140 mm, 4 motor stacks)optimized in terms of torque and spe	
otor SH3 (205 mm, 1 motor stacks)optimized in terms of torque and spe	
otor SH3 (205 mm, 2 motor stacks)optimized in terms of torque and spe	
otor SH3 (205 mm, 3 motor stacks)optimized in terms of torque and spe	
otor MH3 (140 mm, 2 motor stacks)optimized in terms of torque and spe	
otor MH3 (140 mm, 3 motor stacks)optimized in terms of torque and spe	
otor MH3 (190 mm, 1 motor stacks)optimized in terms of torque and spe	
otor MH3 (190 mm, 2 motor stacks)optimized in terms of torque and spe	
otor MH3 (190 mm, 3 motor stacks)optimized in terms of torque and spe	
otor MH3 (190 mm, 3 motor stacks)optimized in terms of torque and	Component name

## Complementary

Network number of phases	Three phase	
[Us] rated supply voltage	208480 V - 1510 %	
Supply frequency	5060 Hz - 55 %	
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: 0.7510 mm², AWG 18AWG 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	
Product weight	5 ka	

## **Environment**

Standards	IEC 61800-3
Product certifications	CE
IP degree of protection	IP20 conforming to IEC 60721-3-3
Vibration resistance	10 m/s² conforming to IEC 60721-3-3
Shock resistance	100 m/s² conforming to IEC 60721-3-3
Pollution degree	2
Environmental characteristic	3K3 conforming to IEC 60721-3-3
Relative humidity	595 %
Ambient air temperature for operation	050 °C

# **Packing Units**

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	14.500 cm
Package 1 Width	27.500 cm
Package 1 Length	33.000 cm
Package 1 Weight	5.660 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	11.836 kg

# **Logistical informations**

Country of origin ID

# **Contractual warranty**

Warranty 18 months



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	
Carbon footprint (kg.eq.CO2 per CR, Total Life cycle)	12200
Environmental Disclosure	Product Environmental Profile

### **Use Better**

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	
Circularity Profile	End of Life Information
Take-back	No