# 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 10A/30A

LXM52DD30C41000

# 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	208480 V - 1510 %	
Supply Frequency	5060 Hz - 55 %	
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: 0.755.3 mm², AWG 18AWG 10 (CN1) Terminal, clamping capacity: 0.755.3 mm², AWG 18AWG 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/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	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

# **Contractual warranty**

Warranty 18 months

# Sustainability

**Green Premium<sup>TM</sup> label** is Schneider Electric's commitment to delivering products with best-inclass 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 >

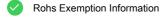




Transparency RoHS/REACh

# Well-being performance





Yes



Pvc Free

### **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
California Proposition 65	WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov