Product datasheet

Specifications

LXM52 single drive 24A/72A

LXM52DD72C41000

Main

Range Of Product	PacDrive 3
Product Or Component Type	Single drive
Device Short Name	LXM 52
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	3 phases
[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 mm², 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

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

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/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	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_2 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
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