Product datasheet

Specifications

Lexium 62 Single Drive - 6 A - accessory kit included

LXM62DU60C21000

Main

Range Of Product	PacDrive 3
Product Or Component Type	Single drive
Device Short Name	LXM 62

Complementary

Product Compatibility	Servo motor SHS Servo motor SH3 (55 mm, 1 motor stacks)optimized in terms of torque and speed Servo motor SH3 (55 mm, 2 motor stacks)optimized in terms of torque and speed Servo motor SH3 (55 mm, 3 motor stacks)optimized in terms of torque and speed Servo motor SH3 (70 mm, 1 motor stacks)optimized in terms of torque and speed Servo motor SH3 (70 mm, 2 motor stacks)optimized in terms of high torque Servo motor SH3 (70 mm, 3 motor stacks)optimized in terms of high torque Servo motor SH3 (100 mm, 1 motor stacks)optimized in terms of high torque Servo motor MH3 (70 mm, 1 motor stacks)optimized in terms of torque and speed
Network Number Of Phases	Three phase
[Us] Rated Supply Voltage (Through Power Supply Module)	400 V (- 10...10 %) for three phase 230 V (- 10...10 %) for three phase 230 V (- 10...10 %) for single phase
Supply Frequency	50/60 Hz - 5...5 %
Continuous Output Current	2 A at 4 kHz
Output Current 3S Peak	6 A at 4 kHz
Continuous Power	0.95 kW
Nominal Power	0.95 kW
Switching Frequency	8 kHz
Overvoltage Category	III
Electrical Connection	Terminal, clamping capacity: 0.2...15 mm², AWG 24...AWG 16 (CN4) Terminal, clamping capacity: 0.5...16 mm², AWG 20...AWG 6 (CN5) Terminal, clamping capacity: 0.75...16 mm², AWG 18...AWG 6 (CN6) Terminal, clamping capacity: 0.2...6 mm², AWG 24...AWG 10 (CN7)
Tightening Torque	CN1: 2.5 N.m
Number Of Inputs	2 digital 2 touch probe
Discrete Input Voltage	24 V DC for - 20...25 %
Number Of Outputs	2 digital
Discrete Output Voltage	24 V DC
Safety Function	STO (safe torque off)
Communication Interface	SERCOS III, integrated
Depth	270 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

Height	310 mm
Width	44.5 mm
Net Weight	3 kg

Environment

Standards	CSA C22.2 No 14 ISO 13849-2 UL 508C IEC 62061 IEC 61800-5-2 ISO 13849-1 IEC 62061 IEC 61800-3 IEC 61508 IEC 61800-5-1
Product Certifications	CE TÜV UL CSA EAC
Ip Degree Of Protection	IP20 conforming to IEC 60529
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 conforming to IEC 61800-5-2
Environmental Characteristic	3K3 conforming to IEC 60721-3-3
Relative Humidity	5…85 %
Ambient Air Temperature For Operation	5…55 °C

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	10.2 cm
Package 1 Width	32.5 cm
Package 1 Length	42.5 cm
Package 1 Weight	4.91 kg
Unit Type Of Package 2	S06
Number Of Units In Package 2	10
Package 2 Height	75.0 cm
Package 2 Width	60.0 cm
Package 2 Length	80.0 cm
Package 2 Weight	62.1 kg

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