

Product datasheet

Specifications



Lexium 62 Single Drive 130A Emb. Safety - accessory kit included

LXM62DC13E21000

EAN Code: 3606486926932

Main

Range of product	PacDrive 3
Device short name	LXM 62
Product or component type	Single drive
Component name	LXM62

Complementary

Product compatibility	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 Servo motor SHS
Network number of phases	Three phase
[Us] rated supply voltage	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	50 A at 4 kHz
Output current 3s peak	130 A at 4 kHz
Continuous power	24.7 kW
Nominal power	24.7 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

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

Safety function	STO (safe torque off) SS1 (safe stop 1) SS2 (safe stop 2) SOS (safe operating stop) SMS (safe maximum speed) SLS (safe limited speed) SDI (safe direction indication)
Communication interface	SERCOS III, integrated
Depth	270 mm
Height	310 mm
Width	89.5 mm
Net weight	6.8 kg

Environment

Standards	IEC 61800-3 ISO 13849-1 ISO 13849-2 CSA C22.2 No 14 UL 508C IEC 61800-5-2 IEC 61800-5-1 IEC 62061 IEC 61508
Product certifications	EAC CE UL TÜV CSA
IP degree of protection	IP20 conforming to IEC 60529
Vibration resistance	10 m/s ² conforming to IEC 60721-3-3
Shock resistance	100 m/s ² 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	17.2 cm
Package 1 Width	32.5 cm
Package 1 Length	42.5 cm
Package 1 Weight	3.91 kg
Unit Type of Package 2	S06
Number of Units in Package 2	6
Package 2 Height	75.0 cm
Package 2 Width	60.0 cm
Package 2 Length	80.0 cm
Package 2 Weight	36.46 kg

Contractual warranty

Warranty	18 months
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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	
Environmental Disclosure	Product Environmental Profile

Use Better

Materials and Substances	
Packaging made with recycled cardboard	No
Packaging without single use plastic	No
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)
SCIP Number	2696456e-6ede-423b-9c4c-fbe5d98a7e82
REACH Regulation	REACH Declaration
PVC free	Yes

Use Again

Repack and remanufacture	
Circularity Profile	End of Life Information
Take-back	No