

Product datasheet

Specifications



LXM62 Single Axis Servo Drive Advanced 130A, HW STO SIL 3 PLE, ACCKIT

LXM62DC13G21000

Main

Range of product	PacDrive 3
Device short name	LXM 62
Product or component type	Single axis servo 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 mm ² , AWG 24...AWG 16 (CN4) Terminal, clamping capacity: 0.5...16 mm ² , AWG 20...AWG 6 (CN5) Terminal, clamping capacity: 0.75...16 mm ² , AWG 18...AWG 6 (CN6) Terminal, clamping capacity: 0.2...6 mm ² , 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
Height	310 mm
Width	89 mm
Net weight	6.8 kg

Environment

Standards	CSA C22.2 No 14 ISO 13849-2 IEC 61800-5-2 IEC 61800-3 IEC 62061 IEC 61800-5-1 ISO 13849-1 IEC 61508 UL 508C
Product certifications	CSA UL CE EAC TÜV
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	8.5 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	64 kg

Contractual warranty

Warranty (in months)	18
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Environmental Data

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

SCIP Number

2696456e-6ede-423b-9c4c-fbe5d98a7e82

EU RoHS Directive

[Compliant By Exemption](#)

REACH Regulation

[Reference contains Substances of Very High Concern above the threshold](#)

Use Longer



Lifetime extension

Repair

No

Use Again



Repack and remanufacture

End of life manual availability

[End of Life Information](#)

Take-back

Yes