

# Product datasheet

Specifications



## Lexium 62 Single Drive 6A Emb. Safety - accessory kit included

LXM62DU60E21000

EAN Code: 3606486926987

### 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 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	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 mm <sup>2</sup> , AWG 24...AWG 16 (CN4) Terminal, clamping capacity: 0.5...16 mm <sup>2</sup> , AWG 20...AWG 6 (CN5) Terminal, clamping capacity: 0.75...16 mm <sup>2</sup> , AWG 18...AWG 6 (CN6) Terminal, clamping capacity: 0.2...6 mm <sup>2</sup> , 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

<b>Safety function</b>	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)
<b>Communication interface</b>	SERCOS III, integrated
<b>Depth</b>	270 mm
<b>Height</b>	310 mm
<b>Width</b>	44.5 mm
<b>Net weight</b>	3 kg

## Environment

<b>Standards</b>	IEC 62061 ISO 13849-1 IEC 61800-5-2 UL 508C IEC 61800-5-1 IEC 61508 CSA C22.2 No 14 ISO 13849-2 IEC 61800-3
<b>Product certifications</b>	CE CSA UL TÜV EAC
<b>IP degree of protection</b>	IP20 conforming to IEC 60529
<b>Vibration resistance</b>	10 m/s <sup>2</sup> conforming to IEC 60721-3-3
<b>Shock resistance</b>	100 m/s <sup>2</sup> conforming to IEC 60721-3-3
<b>Pollution degree</b>	2 conforming to IEC 61800-5-2
<b>Environmental characteristic</b>	3K3 conforming to IEC 60721-3-3
<b>Relative humidity</b>	5...85 %
<b>Ambient air temperature for operation</b>	5...55 °C

## Packing Units

<b>Unit Type of Package 1</b>	PCE
<b>Number of Units in Package 1</b>	1
<b>Package 1 Height</b>	11.100 cm
<b>Package 1 Width</b>	33.700 cm
<b>Package 1 Length</b>	42.600 cm
<b>Package 1 Weight</b>	3.380 kg

## Contractual warranty

<b>Warranty (in months)</b>	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

Total lifecycle Carbon footprint 4627

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 60beca05-ce1c-43ef-b5f4-b7c0f3eb7d27

REACH Regulation [REACH Declaration](#)

PVC free Yes

## Use Longer

### Lifetime extension

Repair No

## Use Again

### Repack and remanufacture

End of life manual availability [End of Life Information](#)

Take-back No