

# Product data sheet

Specifications



## Lexium 62 Single Drive 15A Emb. Safety - accessory kit included

LXM62DD15E21000

### 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 (70 mm, 2 motor stacks)optimized in terms of torque and speed Servo motor SH3 (70 mm, 3 motor stacks)optimized in terms of torque and speed Servo motor SH3 (100 mm, 1 motor stacks)optimized in terms of torque and speed Servo motor SH3 (100 mm, 2 motor stacks)optimized in terms of torque and speed Servo motor SH3 (100 mm, 2 motor stacks)optimized in terms of high torque Servo motor SH3 (100 mm, 3 motor stacks)optimized in terms of high torque Servo motor SH3 (140 mm, 1 motor stacks)optimized in terms of high torque Servo motor MH3 (70 mm, 2 motor stacks)optimized in terms of torque and speed Servo motor MH3 (70 mm, 3 motor stacks)optimized in terms of torque and speed Servo motor MH3 (100 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	5 A at 4 kHz
Output Current 3S Peak	15 A at 4 kHz
Continuous Power	2.4 kW
Nominal Power	2.4 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

<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 61800-5-2 IEC 61800-5-1 IEC 61800-3 ISO 13849-1 IEC 62061 UL 508C IEC 61508 IEC 62061 ISO 13849-2 CSA C22.2 No 14
<b>Product Certifications</b>	TÜV EAC CSA UL CE
<b>Ip Degree Of Protection</b>	IP20 conforming to IEC 60529
<b>Vibration Resistance</b>	10 m/s² conforming to IEC 60721-3-3
<b>Shock Resistance</b>	100 m/s² 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>	10.2 cm
<b>Package 1 Width</b>	32.5 cm
<b>Package 1 Length</b>	42.5 cm
<b>Package 1 Weight</b>	3.91 kg
<b>Unit Type Of Package 2</b>	S06
<b>Number Of Units In Package 2</b>	10
<b>Package 2 Height</b>	75.0 cm
<b>Package 2 Width</b>	60.0 cm
<b>Package 2 Length</b>	80.0 cm
<b>Package 2 Weight</b>	52.1 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<sub>2</sub> 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	<a href="#">REACH Declaration</a>
Eu Rohs Directive	Pro-active compliance (Product out of EU RoHS legal scope)
China Rohs Regulation	<a href="#">China RoHS declaration</a>
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
Circularity Profile	<a href="#">End of Life Information</a>
California Proposition 65	WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>