

# Product datasheet

Specifications



## Servo drive, Easy Lexium 18M, EtherCAT, STO, 1.5kW, 3 Phases, 380V

LXM18MESU15N4X

### Main

Range of product	Easy Lexium 18
Device short name	LXM18M
Product or component type	Motion servo drive
Format of the drive	Compact housing
Line current	3.6 A at 380...440 V, three phase

### Complementary

Network number of phases	Three phase
[Us] rated supply voltage	380...440 V (- 10...10 %) for three phase
Supply voltage limits	342...484 V three phase
Supply frequency	50/60 Hz - 5...5 %
Network frequency	47.5...63 Hz
Continuous output current	5.4 A at 8 kHz
Output current 3s peak	14 A
Nominal power	1.5 kW at 380...440 V 8 kHz
Switching frequency	8 kHz
Communication interface	EtherCAT, integrated
Width	55 mm
Height	170 mm
Depth	174 mm
Product weight	1.2 kg

### Environment

EMC filter	Without EMC filter
Standards	CE
Product certifications	CE
IP degree of protection	IP20
Ambient air temperature for operation	0...45 °C
Operating altitude	0...1000 m

### Packing Units

Unit Type of Package 1	PCE
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<b>Number of Units in Package 1</b>	1
<b>Package 1 Height</b>	9.2 cm
<b>Package 1 Width</b>	24.4 cm
<b>Package 1 Length</b>	23.5 cm
<b>Package 1 Weight</b>	1.6 kg
<b>Unit Type of Package 2</b>	S04
<b>Number of Units in Package 2</b>	8
<b>Package 2 Height</b>	30 cm
<b>Package 2 Width</b>	40 cm
<b>Package 2 Length</b>	60 cm
<b>Package 2 Weight</b>	14.8 kg



## 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	5 915 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	69 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0.2 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	5 842 kg CO2 eq.
Carbon footprint of the end-of-life phase [C1 to C4]	3 kg CO2 eq.
Environmental Disclosure	<a href="#">Product Environmental Profile</a>

## Use Better



### Materials and Substances

EU RoHS Directive	<a href="#">Compliant By Exemption</a>
REACH Regulation	<a href="#">Reference contains Substances of Very High Concern above the threshold</a>

## Use Longer



### Lifetime extension

Repair	No
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## Use Again



### Repack and remanufacture

Recyclability potential, in %	32
End of life manual availability	<a href="#">End of Life Information</a>
Take-back	No

Image of product / Alternate images

Alternative

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