

Product datasheet

Specifications



Servo drive, Easy Lexium 18M, EtherCAT, STO, 3.0kW, 3 Phases, 380V

LXM18MESU30N4X

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	8 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	11.9 A at 8 kHz
Output current 3s peak	29.8 A
Nominal power	3.0 kW at 380...440 V 8 kHz
Switching frequency	8 kHz
Communication interface	EtherCAT, integrated
Width	80 mm
Height	170 mm
Depth	183 mm
Product weight	1.7 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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Number of Units in Package 1	1
Package 1 Height	12.8 cm
Package 1 Width	25.4 cm
Package 1 Length	23.5 cm
Package 1 Weight	2.1 kg
Unit Type of Package 2	S04
Number of Units in Package 2	6
Package 2 Height	30 cm
Package 2 Width	40 cm
Package 2 Length	60 cm
Package 2 Weight	14.6 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	12 024 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	91 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0.3 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	11 929 kg CO2 eq.
Carbon footprint of the end-of-life phase [C1 to C4]	4 kg CO2 eq.
Environmental Disclosure	Product Environmental Profile

Use Better



Materials and Substances

EU RoHS Directive	Compliant By Exemption
REACH Regulation	Reference contains Substances of Very High Concern above the threshold

Use Longer



Lifetime extension

Repair	No
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Use Again



Repack and remanufacture

Recyclability potential, in %	32
End of life manual availability	End of Life Information
Take-back	No

Image of product / Alternate images

Alternative





