

Product datasheet

Specifications



Servo drive, Easy Lexium 18, EtherCAT, STO, 100W, 1 Phase, 220V

LXM18ESU01M2X

Main

Range of product	Easy Lexium 18
Device short name	LXM18E
Product or component type	Motion servo drive
Format of the drive	Compact housing
Line current	1.4 A 221.04 % at 220...240 V, single phase

Complementary

Network number of phases	Single phase
[Us] rated supply voltage	220...240 V (- 15...10 %) for single phase
Supply voltage limits	170...255 V single phase
Supply frequency	50/60 Hz - 5...5 %
Network frequency	47.5...63 Hz
Continuous output current	1.2 A at 8 kHz
Output current 3s peak	3.9 A
Nominal power	0.1 kW at 220...240 V 8 kHz
Switching frequency	8 kHz
Safety function	STO (safe torque off), integrated
Communication interface	EtherCAT, integrated Digital I/O, integrated
Width	48 mm
Height	155.5 mm
Depth	166.5 mm
Net weight	1.19 kg

Environment

EMC filter	Without EMC filter
IP degree of protection	IP20
Ambient air temperature for operation	-5...45 °C
Operating altitude	0...1000 m

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1

Package 1 Height	7.6 cm
Package 1 Width	22.1 cm
Package 1 Length	20.9 cm
Package 1 Weight	1.3 kg
Unit Type of Package 2	S04
Number of Units in Package 2	11
Package 2 Height	30 cm
Package 2 Width	40 cm
Package 2 Length	60 cm
Package 2 Weight	14.7 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

Total lifecycle Carbon footprint	1 177 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	65 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0.2 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0.4 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	1 111 kg CO2 eq.
Carbon footprint of the end-of-life phase [C1 to C4]	0.8 kg CO2 eq.
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	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

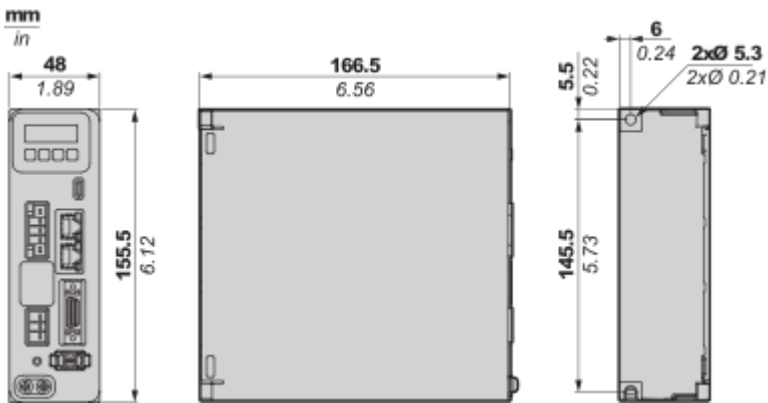


Repack and remanufacture

End of life manual availability	End of Life Information
Take-back	Nej
WEEE Label	 The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

Dimensions Drawings

Dimensions



Mounting and Clearance

Mounting

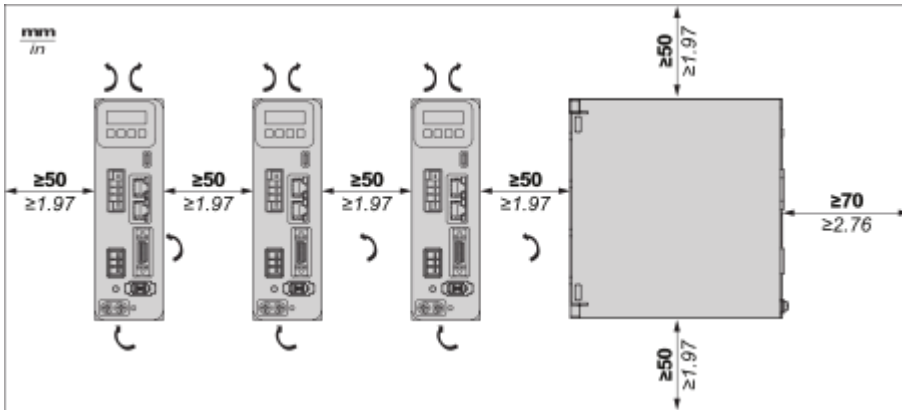


Image of product / Alternate images

Alternative



