

# Product datasheet

Specifications



## Servo drive, Easy Lexium 18, EtherCAT, STO, 1.5kW, 1 Phase, 220V

LXM18ESU15M2X

### 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	15.8 A 144.77 % 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	9.5 A at 8 kHz
Output current 3s peak	29.2 A
Nominal power	1.5 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	78 mm
Height	155.5 mm
Depth	166.5 mm
Net weight	1.79 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	12.000 cm
Package 1 Width	22.100 cm
Package 1 Length	21.000 cm
Package 1 Weight	2.100 kg
Unit Type of Package 2	S04
Number of Units in Package 2	7
Package 2 Height	30.000 cm
Package 2 Width	40.000 cm
Package 2 Length	60.000 cm
Package 2 Weight	16.230 kg

## Contractual warranty

Warranty (in months)	18
----------------------	----



## 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	8 192 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	109 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0.4 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0.9 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	8 080 kg CO2 eq.
Carbon footprint of the end-of-life phase [C1 to C4]	2 kg CO2 eq.
Environmental Disclosure	<a href="#">Product Environmental Profile</a>

## Use Better



### Materials and Substances

Packaging made with recycled cardboard	No
Packaging without single use plastic	No
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
--------	----

## Use Again



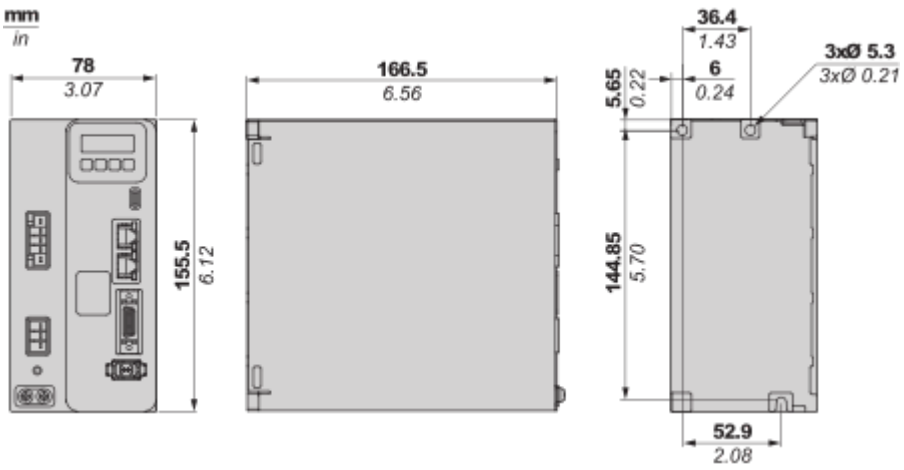
### Repack and remanufacture

Recyclability potential, in %	0
End of life manual availability	<a href="#">End of Life Information</a>
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

---

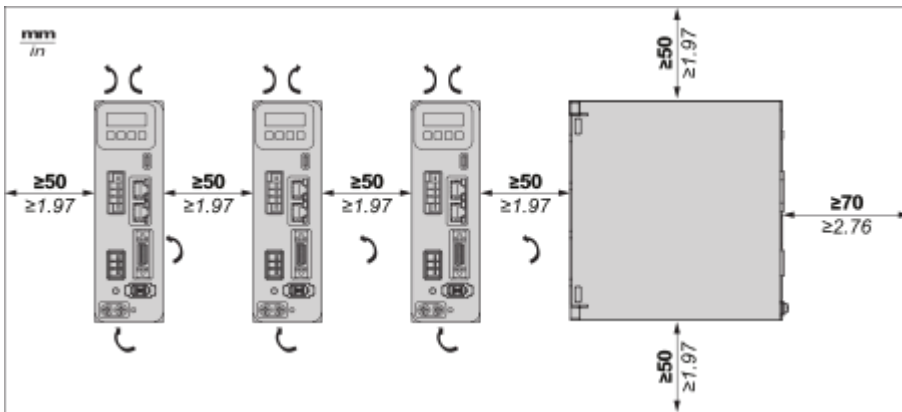


Image of product / Alternate images

Alternative

---



