

# Product datasheet

Specifications



## Servo drive, Easy Lexium 18, EtherCAT, STO, 2.0kW, 3 Phases, 220V

LXM18ESU20M3X

### 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              | 13.2 A 132.4 % at 220...240 V, three phase |

### Complementary

|                           |   |
|---------------------------|---|
| Network number of phases  | Three phase                                     |
| [Us] rated supply voltage | 220...240 V (- 15...10 %) for three phase       |
| Supply voltage limits     | 170...255 V three phase                         |
| Supply frequency          | 50/60 Hz - 5...5 %                              |
| Network frequency         | 47.5...63 Hz                                    |
| Continuous output current | 18.5 A at 8 kHz                                 |
| Output current 3s peak    | 42 A  |
| Nominal power             | 2 kW at 220...240 V 8 kHz                       |
| Switching frequency       | 8 kHz   |
| Safety function           | STO (safe torque off), integrated               |
| Communication interface   | EtherCAT, integrated<br>Digital I/O, integrated |
| Width                     | 93 mm   |
| Height                    | 208 mm  |
| Depth                     | 191.8 mm  |
| Net weight                | 2.89 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 cm   |
| Package 1 Width              | 24.1 cm |
| Package 1 Length             | 26.8 cm |
| Package 1 Weight             | 3.2 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             | 19.2 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                       | 9 463 kg CO2 eq.                              |
| Carbon footprint of the manufacturing phase [A1 to A3] | 138 kg CO2 eq.                                |
| Carbon footprint of the distribution phase [A4]        | 0.5 kg CO2 eq.                                |
| Carbon footprint of the installation phase [A5]        | 1 kg CO2 eq.                                  |
| Carbon footprint of the use phase [B2, B3, B4, B6]     | 9 321 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



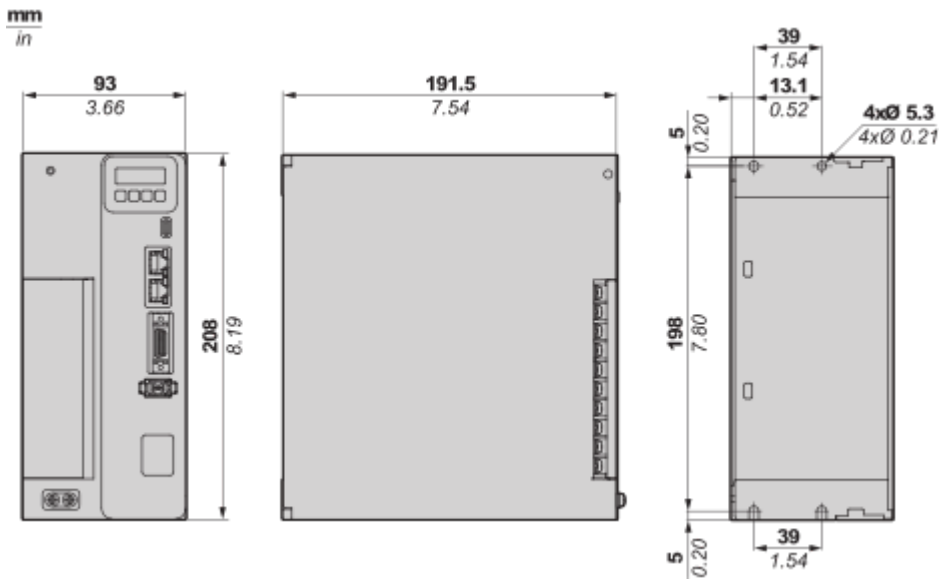
### Repack and remanufacture

|                                 |   |
|---------------------------------|---|
| 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

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Mounting and Clearance

Mounting

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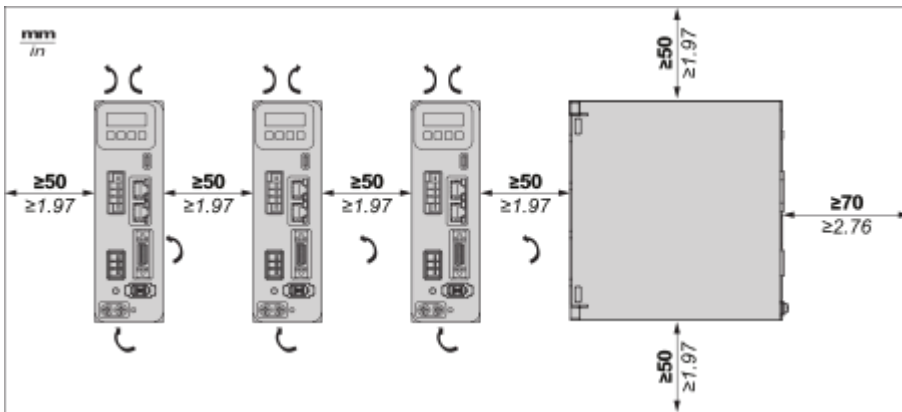


Image of product / Alternate images

Alternative

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