



Main

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|---------------------------|--------------|
| Range of product | PacDrive 3 |
| Device short name | LXM 62 |
| Product or component type | Single drive |

Complementary

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|---|---|
| Product compatibility | Servo motor SHS[RETURN]Servo motor SH3 (100 mm, 3 motor stacks)optimized in terms of torque and speed[RETURN]Servo motor SH3 (100 mm, 4 motor stacks)optimized in terms of torque and speed[RETURN]Servo motor SH3 (140 mm, 1 motor stacks)optimized in terms of torque and speed[RETURN]Servo motor MH3 (100 mm, 2 motor stacks)optimized in terms of torque and speed |
| Network number of phases | Three phase |
| [Us] rated supply voltage (through power supply module) | 400 V (- 10...10 %) for three phase 230 V (- 10...10 %) for three phase 230 V (- 10...10 %) for single phase |
| Supply frequency | 50/60 Hz - 5...5 % |
| Continuous output current | 9 A at 4 kHz |
| Output current 3s peak | 27 A at 4 kHz |
| Continuous power | 4.3 kW |
| Nominal power | 4.3 kW |
| Switching frequency | 8 kHz |
| Overvoltage category | III |
| Electrical connection | Terminal, clamping capacity: 0.2...15 mm ² , AWG 24...AWG 16 (CN4) Terminal, clamping capacity: 0.5...16 mm ² , AWG 20...AWG 6 (CN5) Terminal, clamping capacity: 0.75...16 mm ² , AWG 18...AWG 6 (CN6) Terminal, clamping capacity: 0.2...6 mm ² , AWG 24...AWG 10 (CN7) |
| Tightening torque | CN1: 2.5 N.m |
| Number of inputs | 2 digital 2 touch probe |
| Discrete input voltage | 24 V DC for - 20...25 % |
| Number of outputs | 2 digital |
| Discrete output voltage | 24 V DC |
| Safety function | STO (safe torque off) |
| Communication interface | SERCOS III, integrated |
| Depth | 270 mm |
| Height | 310 mm |
| Width | 44.5 mm |
| Net weight | 3 kg |

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

Environment

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| Standards | IEC 62061 IEC 61800-5-2 UL 508C IEC 61508 ISO 13849-1 CSA C22.2 No 14 IEC 62061 IEC 61800-3 IEC 61800-5-1 ISO 13849-2 |
| Product certifications | TÜV[RETURN]UL[RETURN]EAC[RETURN]CSA[RETURN]CE |
| IP degree of protection | IP20 conforming to IEC 60529 |
| Vibration resistance | 10 m/s ² conforming to IEC 60721-3-3 |
| Shock resistance | 100 m/s ² conforming to IEC 60721-3-3 |
| Pollution degree | 2 conforming to IEC 61800-5-2 |
| Environmental characteristic | 3K3 conforming to IEC 60721-3-3 |
| Relative humidity | 5...85 % |
| Ambient air temperature for operation | 5...55 °C |

Packing Units

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|------------------------------|---------|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Height | 10.2 cm |
| Package 1 Width | 32.5 cm |
| Package 1 Length | 42.5 cm |
| Package 1 Weight | 3.91 kg |
| Unit Type of Package 2 | S06 |
| Number of Units in Package 2 | 10 |
| Package 2 Height | 75.0 cm |
| Package 2 Width | 60.0 cm |
| Package 2 Length | 80.0 cm |
| Package 2 Weight | 52.1 kg |

Offer Sustainability

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|----------------------------|---|
| Sustainable offer status | Green Premium product |
| REACH Regulation |  REACH Declaration |
| EU RoHS Directive | Pro-active compliance (Product out of EU RoHS legal scope) |
| Mercury free | Yes |
| China RoHS Regulation |  China RoHS Declaration |
| RoHS exemption information |  Yes |
| Environmental Disclosure |  Product Environmental Profile |
| Circularity Profile |  End Of Life Information |
| PVC free | Yes |