



Main

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|---------------------------|---|
| Range of product | PacDrive 3 |
| Device short name | LXM 52 |
| Product or component type | Single drive |
| Product compatibility | Servo motor SH3 (100 mm, 3 motor stacks) optimized in terms of torque and speed Servo motor SH3 (100 mm, 4 motor stacks) optimized in terms of torque and speed Servo motor SH3 (140 mm, 1 motor stacks) optimized in terms of torque and speed Servo motor MH3 (100 mm, 3 motor stacks) optimized in terms of torque and speed Servo motor MH3 (140 mm, 1 motor stacks) optimized in terms of torque and speed |

Complementary

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|---------------------------|---|
| Network number of phases | 3 phases |
| [Us] rated supply voltage | 208...480 V - 15...10 % |
| Supply frequency | 50...60 Hz - 5...5 % |
| Continuous output current | 10 A at 8 kHz |
| Output current 3s peak | 30 A |
| Continuous power | 5.6 kW |
| Nominal power | 3 kW |
| Switching frequency | 8 kHz |
| Overvoltage category | III |
| Electrical connection | Terminal, clamping capacity: 0.75...5.3 mm ² , AWG 18...AWG 10 (CN1) Terminal, clamping capacity: 0.75...5.3 mm ² , AWG 18...AWG 10 (CN10) |
| Tightening torque | CN1: 0.68 N.m CN10: 0.68 N.m |
| Number of inputs | 4 digital 4 touch probe |
| Discrete input voltage | 24 V DC |
| Number of outputs | 2 digital |
| Discrete output voltage | 24 V DC |
| Contact bounce time | > 1 ms for compliment of STO_A, compliment of STO_B |
| Communication interface | SERCOS III, integrated |
| Width | 68 mm |
| Height | 270 mm |
| Depth | 217 mm |
| Net weight | 2.7 kg |

Environment

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|------------------------------|--|
| Standards | IEC 61800-3 IEC 61800-5-1 |
| Product certifications | CE[RETURN]UL |
| IP degree of protection | IP20 conforming to IEC 60721-3-3 |
| 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 |
| Environmental characteristic | 3K3 conforming to IEC 60721-3-3 |

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|---------------------------------------|-----------|
| Relative humidity | 5...95 % |
| Ambient air temperature for operation | 0...50 °C |

Packing Units

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|------------------------------|-----------|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Height | 11 cm |
| Package 1 Width | 27.5 cm |
| Package 1 Length | 33 cm |
| Package 1 Weight | 3.582 kg |
| Unit Type of Package 2 | S03 |
| Number of Units in Package 2 | 2 |
| Package 2 Height | 30 cm |
| Package 2 Width | 30 cm |
| Package 2 Length | 40 cm |
| Package 2 Weight | 7.274 kg |
| Unit Type of Package 3 | P06 |
| Number of Units in Package 3 | 16 |
| Package 3 Height | 80 cm |
| Package 3 Width | 80 cm |
| Package 3 Length | 60 cm |
| Package 3 Weight | 71.516 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 |

Contractual warranty

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| Warranty | 18 months |
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