



### Main

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

### Complementary

|   |   |
|---|---|
| Product compatibility                                   | Servo motor SH3 (140 mm, 4 motor stacks)optimized in terms of torque and speed[RETURN]Servo motor SH3 (205 mm, 1 motor stacks)optimized in terms of torque and speed[RETURN]Servo motor MH3 (140 mm, 2 motor stacks)optimized in terms of torque and speed[RETURN]Servo motor MH3 (140 mm, 3 motor stacks)optimized in terms of torque and speed[RETURN]Servo motor MH3 (190 mm, 1 motor stacks)optimized in terms of torque and speed[RETURN]Servo motor SHS[RETURN]Servo motor SH3 (140 mm, 2 motor stacks)optimized in terms of torque and speed[RETURN]Servo motor SH3 (140 mm, 3 motor stacks)optimized in terms of torque and speed[RETURN]Servo motor MH3 (100 mm, 3 motor stacks)optimized in terms of torque and speed[RETURN]Servo motor MH3 (140 mm, 1 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<br>230 V (- 10...10 %) for three phase<br>230 V (- 10...10 %) for single phase  |
| Supply frequency  | 50/60 Hz - 5...5 %  |
| Continuous output current                               | 20 A at 4 kHz   |
| Output current 3s peak                                  | 45 A at 4 kHz   |
| Continuous power  | 9.6 kW  |
| Nominal power   | 9.6 kW  |
| Switching frequency                                     | 8 kHz   |
| Overvoltage category                                    | III   |
| Electrical connection                                   | Terminal, clamping capacity: 0.2...15 mm², AWG 24...AWG 16 (CN4)<br>Terminal, clamping capacity: 0.5...16 mm², AWG 20...AWG 6 (CN5)<br>Terminal, clamping capacity: 0.75...16 mm², AWG 18...AWG 6 (CN6)<br>Terminal, clamping capacity: 0.2...6 mm², AWG 24...AWG 10 (CN7)  |
| Tightening torque                                       | CN1: 2.5 N.m  |
| Number of inputs  | 2 digital<br>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  |

## Environment

|                                       |  |
|---------------------------------------|--|
| Standards                             | IEC 61800-5-2<br>ISO 13849-1<br>IEC 61800-3<br>CSA C22.2 No 14<br>IEC 62061<br>UL 508C<br>IEC 62061<br>ISO 13849-2<br>IEC 61508<br>IEC 61800-5-1 |
| Product certifications                | CE[RETURN]EAC[RETURN]UL[RETURN]CSA[RETURN]TÜV  |
| IP degree of protection               | IP20 conforming to IEC 60529   |
| Vibration resistance                  | 10 m/s <sup>2</sup> conforming to IEC 60721-3-3  |
| Shock resistance                      | 100 m/s <sup>2</sup> 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

|                              |         |
|------------------------------|---------|
| Unit Type of Package 1       | PCE     |
| Number of Units in Package 1 | 1       |
| Package 1 Height             | 10.2 cm |
| Package 1 Width              | 30.0 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

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