



### Main

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

### Complementary

|                                                         |                                                                                                                                                                                                                                                                                                                                                                         |
|---------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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<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                               | 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 <sup>2</sup> , AWG 24...AWG 16 (CN4)<br>Terminal, clamping capacity: 0.5...16 mm <sup>2</sup> , AWG 20...AWG 6 (CN5)<br>Terminal, clamping capacity: 0.75...16 mm <sup>2</sup> , AWG 18...AWG 6 (CN6)<br>Terminal, clamping capacity: 0.2...6 mm <sup>2</sup> , 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)<br>SS1 (safe stop 1)<br>SS2 (safe stop 2)<br>SOS (safe operating stop)<br>SMS (safe maximum speed)<br>SLS (safe limited speed)<br>SDI (safe direction indication)                                                                                                                                                                                 |
| Communication interface                                 | SERCOS III, integrated                                                                                                                                                                                                                                                                                                                                                  |
| Depth                                                   | 270 mm                                                                                                                                                                                                                                                                                                                                                                  |
| Height                                                  | 310 mm                                                                                                                                                                                                                                                                                                                                                                  |
| Width                                                   | 44.5 mm                                                                                                                                                                                                                                                                                                                                                                 |
| Net weight                                              | 3 kg                                                                                                                                                                                                                                                                                                                                                                    |

## Environment

|                                       |                                                                                                                                                  |
|---------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| Standards                             | CSA C22.2 No 14<br>IEC 61800-5-1<br>IEC 61508<br>IEC 62061<br>IEC 62061<br>IEC 61800-5-2<br>ISO 13849-2<br>IEC 61800-3<br>UL 508C<br>ISO 13849-1 |
| Product certifications                | CE[RETURN]UL[RETURN]CSA[RETURN]EAC[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              | 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

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