

# Product data sheet

Specifications



## Lexium 62 Single Drive 15 A - accessory kit included

LXM62DD15C21000

### Main

|                           |              |
|---------------------------|--------------|
| Range of product          | PacDrive 3   |
| Device short name         | LXM 62       |
| Product or component type | Single drive |
| Component name            | LXM62        |

### Complementary

|                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|---------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product compatibility     | Servo motor SHS<br>Servo motor SH3 (70 mm, 2 motor stacks)optimized in terms of torque and speed<br>Servo motor SH3 (70 mm, 3 motor stacks)optimized in terms of torque and speed<br>Servo motor SH3 (100 mm, 1 motor stacks)optimized in terms of torque and speed<br>Servo motor SH3 (100 mm, 2 motor stacks)optimized in terms of torque and speed<br>Servo motor SH3 (100 mm, 2 motor stacks)optimized in terms of high torque<br>Servo motor SH3 (100 mm, 3 motor stacks)optimized in terms of high torque<br>Servo motor SH3 (140 mm, 1 motor stacks)optimized in terms of high torque<br>Servo motor MH3 (70 mm, 2 motor stacks)optimized in terms of torque and speed<br>Servo motor MH3 (70 mm, 3 motor stacks)optimized in terms of torque and speed<br>Servo motor MH3 (100 mm, 1 motor stacks)optimized in terms of torque and speed |
| Network number of phases  | Three phase                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| [Us] rated supply voltage | 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 | 5 A at 4 kHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Output current 3s peak    | 15 A at 4 kHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Continuous power          | 2.4 kW                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Nominal power             | 2.4 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)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |

Disclaimer: 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

|                         |                        |
|-------------------------|------------------------|
| Communication interface | SERCOS III, integrated |
| Depth                   | 270 mm                 |
| Height                  | 310 mm                 |
| Width                   | 44.5 mm                |
| Product weight          | 3 kg                   |

## Environment

|                                       |                                                                                                                                     |
|---------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|
| Standards                             | CSA C22.2 No 14<br>IEC 61800-5-1<br>ISO 13849-1<br>ISO 13849-2<br>UL 508C<br>IEC 61508<br>IEC 62061<br>IEC 61800-5-2<br>IEC 61800-3 |
| Product certifications                | CSA<br>TÜV<br>CE<br>EAC<br>UL                                                                                                       |
| IP degree of protection               | IP20 conforming to IEC 60529                                                                                                        |
| Vibration resistance                  | 10 m/s² conforming to IEC 60721-3-3                                                                                                 |
| Shock resistance                      | 100 m/s² 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             | 11.000 cm |
| Package 1 Width              | 34.000 cm |
| Package 1 Length             | 44.000 cm |
| Package 1 Weight             | 3.856 kg  |
| Unit Type of Package 2       | S06       |
| Number of Units in Package 2 | 10        |
| Package 2 Height             | 75.000 cm |
| Package 2 Width              | 60.000 cm |
| Package 2 Length             | 80.000 cm |
| Package 2 Weight             | 51.560 kg |

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 | 4619                                          |
| 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                                                                                                                                                                                                                                                                                          |
| <a href="#">EU RoHS Directive</a>      | Pro-active compliance (Product out of EU RoHS legal scope)                                                                                                                                                                                                                                  |
| SCIP Number                            | 60beca05-ce1c-43ef-b5f4-b7c0f3eb7d27                                                                                                                                                                                                                                                        |
| REACH Regulation                       | <a href="#">REACH Declaration</a>                                                                                                                                                                                                                                                           |
| California proposition 65              | WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a> |
| PVC free                               | Yes                                                                                                                                                                                                                                                                                         |

Use Again

| Repack and remanufacture        |                                         |
|---------------------------------|-----------------------------------------|
| End of life manual availability | <a href="#">End of Life Information</a> |
| Take-back                       | No                                      |