LXM52DU60C41000 LXM52 single drive 1,5A/6A





Main

| Range of product | PacDrive 3 |
|---------------------------|--|
| Device short name | LXM 52 |
| Product or component type | Single drive |
| Product compatibility | Servo motor SH3 (55 mm, 1 motor stacks)optimized in terms of torque and speed Servo motor SH3 (55 mm, 2 motor stacks)optimized in terms of torque and speed Servo motor SH3 (70 mm, 2 motor stacks)optimized in terms of high torque Servo motor MH3 (70 mm, 1 motor stacks)optimized in terms of torque and speed |

Complementary

| Network number of phases | 3 phases | |
|---------------------------|--|--|
| [Us] rated supply voltage | 208480 V - 1510 % | |
| Supply frequency | 5060 Hz - 55 % | |
| Continuous output current | 1.5 A at 8 kHz | |
| Output current 3s peak | 6 A | |
| Continuous power | 0.8 kW | |
| Nominal power | 0.4 kW | |
| Switching frequency | 8 kHz | |
| Overvoltage category | III | |
| Electrical connection | Terminal, clamping capacity: 0.755.3 mm², AWG 18AWG 10 (CN1) Terminal, clamping capacity: 0.755.3 mm², AWG 18AWG 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 | 48 mm | |
| Height | 270 mm | |
| Depth | 217 mm | |
| Net weight | 1.8 kg | |
| | | |

Environment

| Standards | IEC 61800-3 | |
|---------------------------------------|--------------------------------------|---|
| Stariuarus | | |
| | IEC 61800-5-1 | |
| Product certifications | CE[RETURN]UL | |
| IP degree of protection | IP20 conforming to IEC 60721-3-3 | |
| 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 | |
| Environmental characteristic | 3K3 conforming to IEC 60721-3-3 | |
| Relative humidity | 595 % | |
| Ambient air temperature for operation | 050 °C | - |

May 20, 2024

Packing Units

| Unit Type of Package 1 | PCE |
|------------------------------|-----------|
| Number of Units in Package 1 | 1 |
| Package 1 Height | 27.5 cm |
| Package 1 Width | 33 cm |
| Package 1 Length | 8.5 cm |
| Package 1 Weight | 2.236 kg |
| Unit Type of Package 2 | S03 |
| Number of Units in Package 2 | 3 |
| Package 2 Height | 30 cm |
| Package 2 Width | 30 cm |
| Package 2 Length | 40 cm |
| Package 2 Weight | 7.421 kg |
| Unit Type of Package 3 | PAL |
| Number of Units in Package 3 | 24 |
| Package 3 Height | 77 cm |
| Package 3 Width | 60 cm |
| Package 3 Length | 80 cm |
| Package 3 Weight | 62.164 kg |
| | |

Offer Sustainability

| 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

| Wallanty | Warranty | 18 months |
|----------|----------|-----------|
|----------|----------|-----------|