



Main

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|---------------------------|--------------|
| Range of product | PacDrive 3 |
| Product or component type | Power supply |
| Component name | LXM62 |

Complementary

| | |
|------------------------------|---|
| Supply circuit type | AC |
| [Us] rated supply voltage | 400 V three phase (tolerance: - 10...10 %) 230 V three phase (tolerance: - 10...10 %) 230 V single phase (tolerance: - 10...10 %) |
| Supply frequency | 50/60 Hz +/- 5 % |
| [Uc] control circuit voltage | 24 V DC (tolerance: - 20...25 %) |
| Power supply output current | 84 A |
| Bus voltage | 270...700 V |
| Maximum DC bus voltage | 860 V |
| Maximum cable capacity | 1.36 mF |
| [In] rated current | 21 A single phase AC 42 A three phase AC |
| Peak current | 42 A single phase AC for 1 s 84 A three phase AC for 1 s |
| Nominal power | 22.1 kW at 400 V three phase AC 26.6 kW at 480 V three phase AC |
| Maximum power | 44.2 kW at 400 V three phase AC 53.2 kW at 480 V three phase AC |
| Holding time | 15 min |
| Braking resistance | 15 Ohm |
| Permanent braking power | 400 W |
| Maximum braking power | 46 kW |
| Output type | 2 relays for volt-free contacts |
| Physical interface | SERCOS III |
| Marking | CE |
| Safety level | Can reach SIL 2 conforming to EN 61508 Can reach PL d/category 3 conforming to EN/ISO 13849-1 |
| Overvoltage category | III conforming to EN 61800-5-1 |
| Depth | 270 mm |
| Width | 89.5 mm |
| Height | 310 mm |
| Net weight | 6.3 kg |

Environment

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|---------------------------------------|--|
| Standards | UL 508C EN/IEC 61800-5-1 EN/IEC 61800-3 |
| Product certifications | CSA[RETURN]UL |
| IP degree of protection | IP20 conforming to EN/IEC 60721-3-3 (with plugged-in connectors) |
| Vibration resistance | 10 m/s ² conforming to EN/IEC 60721-3-3 |
| Shock resistance | 100 m/s ² in operation conforming to EN/IEC 60721-3-3 300 m/s ² during transport conforming to EN/IEC 60721-3-3 |
| Pollution degree | 2 conforming to EN/IEC 60721-3-3 |
| Environmental characteristic | 3K3 conforming to IEC 60721-3-3 5...85 % |
| Ambient air temperature for operation | 40...55 °C (with current derating of 2 % per °C) 5...40 °C |
| Ambient air temperature for storage | -25...55 °C |

Packing Units

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|------------------------------|-----------|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Height | 18.000 cm |
| Package 1 Width | 34.000 cm |
| Package 1 Length | 45.500 cm |
| Package 1 Weight | 7.312 kg |
| Unit Type of Package 2 | S06 |
| Number of Units in Package 2 | 6 |
| Package 2 Height | 75.000 cm |
| Package 2 Width | 60.000 cm |
| Package 2 Length | 80.000 cm |
| Package 2 Weight | 52.420 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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