

Product datasheet

Specifications



TeSys D - contactor coil - LX4D7 - 220 V DC standard for 80 A contactor

LX4D7MD

⚠ Discontinued on: 28 July 2023

⚠ End-of-service on: 01 November 2023

⚠ To be discontinued

Main

| | |
|------------------------------|-------------------|
| Range | TeSys |
| Product or component type | Contactor coil |
| Device short name | LX4D7 |
| Control circuit type | DC standard |
| [Uc] control circuit voltage | 220 V DC |
| Average resistance | 2215 Ohm at 20 °C |
| Inductance of closed circuit | 155 H |
| Product compatibility | LC1D80 LP1D80 |
| Mechanical durability | 10 Mcycles |
| Maximum operating rate | 3600 cyc/h 60 °C |

Complementary

| | |
|--------------------------------|--|
| Coil technology | Without built-in suppressor module |
| Control circuit voltage limits | Drop-out: 0.1...0.3 Uc (at <55 °C) Operational: 0.85...1.1 Uc (at <55 °C) |
| Time constant | 75 ms |
| Inrush power in W | 22 W (at 20 °C) |
| Hold-in power consumption in W | 22 W at 20 °C |

Environment

| | |
|---------------------------------------|------------|
| Ambient air temperature for operation | -5...60 °C |
| Net weight | 0.68 kg |

Packing Units

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|------------------------------|--------|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Height | 8.5 cm |
| Package 1 Width | 9.0 cm |

| | |
|-----------------------------|---|
| Package 1 Length | 12.5 cm |
| Package 1 Weight | 728.0 g |
| Offer Sustainability | |
| Sustainable offer status | Green Premium product |
| REACH Regulation | REACH Declaration |
| REACH free of SVHC | Yes |
| EU RoHS Directive | Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration |
| Mercury free | Yes |
| China RoHS Regulation | China RoHS declaration Product out of China RoHS scope. Substance declaration for your information |
| RoHS exemption information | Yes |
| Environmental Disclosure | Product Environmental Profile |
| Circularity Profile | No need of specific recycling operations |

Contractual warranty

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

Recommended replacement(s)