

Product data sheet

Specifications



Contactor coil, TeSys Deca, LX1D8, 230V AC 50/60Hz for 115 and 150A contactor

LX1D8P7

Main

| | |
|------------------------------|--------------------|
| Range | TeSys |
| Product or component type | Contactor coil |
| Device short name | LX1D8 |
| Control circuit type | AC at 50/60 Hz |
| [Uc] control circuit voltage | 230 V AC 50/60 Hz |
| Average resistance | 9895 Ohm at 20 °C |
| Inductance of closed circuit | 210.72 H |
| Product compatibility | LC1D150 LC1D115 |
| Mechanical durability | 8 Mcycles |
| Maximum operating rate | 1200 cyc/h 60 °C |

Complementary

| | |
|---------------------------------|--|
| Coil technology | Without built-in suppressor module |
| Control circuit voltage limits | Drop-out: 0.3...0.5 Uc at 50/60 Hz (at <55 °C) Operational: 0.8...1.15 Uc at 50/60 Hz (at <55 °C) |
| Inrush power in VA | 280...350 VA 60 Hz cos phi 0.9 (at 20 °C) 280...350 VA 50 Hz cos phi 0.9 (at 20 °C) |
| Hold-in power consumption in VA | 2...18 VA 60 Hz cos phi 0.9 (at 20 °C) 2...18 VA 50 Hz cos phi 0.9 (at 20 °C) |
| Heat dissipation | 3...4.5 W at 50/60 Hz |

Environment

| | |
|---------------------------------------|------------|
| Ambient air temperature for operation | -5...60 °C |
|---------------------------------------|------------|

Packing Units

| | |
|------------------------------|---------|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Height | 6.5 cm |
| Package 1 Width | 11.5 cm |
| Package 1 Length | 17.0 cm |

| | |
|------------------------------|----------|
| Package 1 Weight | 298.0 g |
| Unit Type of Package 2 | S03 |
| Number of Units in Package 2 | 20 |
| Package 2 Height | 30.0 cm |
| Package 2 Width | 30.0 cm |
| Package 2 Length | 40.0 cm |
| Package 2 Weight | 6.673 kg |

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 |
| California proposition 65 | WARNING: This product can expose you to chemicals including: Antimony oxide & Antimony trioxide, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov |

Contractual warranty

| | |
|----------|-----------|
| Warranty | 18 months |
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Recommended replacement(s)