



Main

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|------------------------------|--------------------|
| Range | TeSys |
| Product or component type | Contactor coil |
| Device short name | LX1D8 |
| Control circuit type | AC at 50/60 Hz |
| [Uc] control circuit voltage | 480 V AC 50/60 Hz |
| Average resistance | 32249 Ohm at 20 °C |
| Inductance of closed circuit | 938.41 H |
| Product compatibility | LC1D115 LC1D150 |
| Mechanical durability | 8 Mcycles |
| Maximum operating rate | 1200 cyc/h 60 °C |

Complementary

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| 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

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

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|------------------------------|---------|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Height | 6.2 cm |
| Package 1 Width | 11.5 cm |
| Package 1 Length | 17.0 cm |
| Package 1 Weight | 280.0 g |

Offer Sustainability

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|----------------------------|--|
| 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) |
| Mercury free | Yes |
| China RoHS Regulation | China RoHS Declaration |
| 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 |
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