



Main

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|------------------------------|---|
| Range | TeSys |
| Product or component type | Contactor coil |
| Device short name | LX1FL |
| Range compatibility | TeSys F LC1F contactor |
| Product compatibility | LC1F630 LC1F1250 |
| Control circuit type | AC 40...400 Hz |
| [Uc] control circuit voltage | 380...400 V AC 40...400 Hz |
| Average resistance | 78 Ohm inrush at 20 °C 2360 Ohm holding at 20 °C |
| Inductance of closed circuit | 10.5 H |
| Operating time | 100...200 ms opening 40...80 ms closing |
| Mechanical durability | 5 Mcycles |
| Operating rate | <= 1200 cyc/h at <= 55 °C |

Complementary

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|---------------------------------|---|
| Coil technology | Without built-in suppressor module |
| Control circuit voltage limits | 0.85...1.1 Uc at 55 °C operational 40...400 Hz 0.25...0.5 Uc at 55 °C drop-out 40...400 Hz |
| Inrush power in VA | 1650 VA at 20 °C (cos f 0.9) 40...400 Hz |
| Hold-in power consumption in VA | 22 VA at 20 °C (cos f 0.3) 40...400 Hz |
| Heat dissipation | 20 W at 40...400 Hz |

Environment

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|---------------------------------------|--------------|
| Ambient air temperature for operation | > -5...55 °C |
| Product weight | 1.5 kg |

Contractual warranty

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