



Main

| | |
|------------------------------|--|
| Range | TeSys |
| Product or component type | Contactor coil |
| Device short name | LX1FK |
| Range compatibility | TeSys F LC1F contactor |
| Product compatibility | LC1F500 |
| Control circuit type | AC 40...400 Hz |
| [Uc] control circuit voltage | 380...400 V AC 40...400 Hz |
| Average resistance | 112 Ohm inrush 68 °F (20 °C) 2980 Ohm holding 68 °F (20 °C) |
| Inductance of closed circuit | 14.7 H |
| Operating time | 100...170 ms opening 40...75 ms closing |
| Mechanical durability | 10 Mcycles |
| Maximum operating rate | 2400 cyc/h 131 °F (55 °C) |

Complementary

| | |
|---------------------------------|--|
| Coil technology | Without built-in suppressor module |
| Control circuit voltage limits | Operational 0.85...1.1 Uc 40...400 Hz 131 °F (55 °C) Drop-out 0.3...0.5 Uc 40...400 Hz 131 °F (55 °C) |
| Inrush power in VA | 1100 VA 40...400 Hz 0.9 68 °F (20 °C) |
| Hold-in power consumption in VA | 18 VA 40...400 Hz 0.3 68 °F (20 °C) |
| Heat dissipation | 18 W 40...400 Hz |

Environment

| | |
|---------------------------------------|--------------------------|
| Ambient air temperature for operation | 23...131 °F (-5...55 °C) |
| Net weight | 2.54 lb(US) (1.15 kg) |

Packing Units

| | |
|------------------------------|-------------------------|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Weight | 2.63 lb(US) (1.193 kg) |
| Package 1 Height | 3.94 in (10 cm) |
| Package 1 width | 4.53 in (11.5 cm) |
| Package 1 Length | 8.90 in (22.6 cm) |
| Unit Type of Package 2 | S03 |
| Number of Units in Package 2 | 6 |
| Package 2 Weight | 17.35 lb(US) (7.871 kg) |
| Package 2 Height | 11.81 in (30 cm) |
| Package 2 width | 11.81 in (30 cm) |
| Package 2 Length | 15.75 in (40 cm) |

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 |
| Toxic heavy metal free | Yes |
| Mercury free | Yes |
| RoHS exemption information | Yes |
| China RoHS Regulation | China RoHS declaration |
| Environmental Disclosure | Product Environmental Profile |
| Circularity Profile | End of Life Information |

Contractual warranty

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