

Product datasheet

Specifications



TeSys F - specific contactor coil - 500 V AC 40...400 Hz low consumption

LX9FL938

! Discontinued

Main

| | |
|------------------------------|---|
| Range | TeSys |
| Product or component type | Specific contactor coil |
| Device short name | LX9FL |
| Range compatibility | TeSys TeSys F LC1F contactor TeSys TeSys F DR5TE rectifier |
| Product compatibility | DR5TE LC1F630 |
| Control circuit type | AC at 40...400 Hz low consumption DC low consumption |
| [Uc] control circuit voltage | 440...460 V DC 440...460 V AC 40...400 Hz |
| Inductance of closed circuit | 17 H |
| Average resistance | 312 Ohm inrush at 20 °C 2510 Ohm holding at 20 °C |
| Operating time | 60 ms opening 50 ms closing |
| Mechanical durability | 5 Mcycles |
| Maximum operating rate | 1800 cyc/h 70 °C |

Complementary

| | |
|---------------------------------|---|
| Coil technology | Without built-in suppressor module |
| Control circuit voltage limits | Operational: 0.85...1.1 Uc (at 55 °C) Drop-out: 0.25...0.5 Uc (at 55 °C) |
| Inrush power in VA | 830 VA 40...400 Hz (at 20 °C) |
| Hold-in power consumption in VA | 47 VA 40...400 Hz (at 20 °C) |
| Heat dissipation | 22.8...27.8 W |

Environment

| | |
|---------------------------------------|------------|
| Ambient air temperature for operation | -5...55 °C |
| Net weight | 1.45 kg |

Packing Units

| | |
|------------------------------|-----|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |

Contractual warranty

Warranty (in months)

18



Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)



Environmental footprint

[Environmental Disclosure](#)

[Product Environmental Profile](#)

Use Longer



Lifetime extension

[Repair](#)

[No](#)