

Product datasheet

Specifications



TeSys F - specific contactor coil - 440...460 V DC low consumption

LX9FL937

⚠ Discontinued on: 9 Dec 2022

⚠ 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 DR2S resistor
Product compatibility	LC1F630 DR2SC
Control circuit type	AC at 40...400 Hz low consumption DC low consumption
[Uc] control circuit voltage	440...460 V DC
Inductance of closed circuit	14 H
Operating time	60 ms opening 20 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: 0.3...0.5 Uc (at 55 °C)
Inrush power in W	733 W (at 20 °C)
Hold-in power consumption in W	48 W at 20 °C
Heat dissipation	22.8...27.8 W

Environment

Ambient air temperature for operation	-5...55 °C
Product 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
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Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications



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 Better



Materials and Substances

EU RoHS Directive

[Compliant](#)

Use Longer



Lifetime extension

Repair

No