

# Product datasheet

Specifications



## TeSys F - specific contactor coil - 440 V AC 40...400 Hz low consumption

LX9FJ937

⚠ Discontinued on: 01-Nov-2020

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### Main

Range	TeSys
Product or component type	Specific contactor coil
Device short name	LX9FJ
Range compatibility	TeSys TeSys F LC1F contactor TeSys TeSys F DR5TE rectifier
Product compatibility	DR5TE LC1F400
Control circuit type	AC at 40...400 Hz low consumption DC low consumption
[Uc] control circuit voltage	440 V AC 40...400 Hz 440 V DC
Inductance of closed circuit	19 H
Average resistance	386 Ohm inrush at 20 °C 3690 Ohm holding at 20 °C
Operating time	60 ms opening 50 ms closing
Mechanical durability	10 Mcycles
Maximum operating rate	3600 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 VA	500 VA 40...400 Hz (at 20 °C)
Hold-in power consumption in VA	23 VA 40...400 Hz (at 20 °C)
Heat dissipation	11.4...13.9 W

### Environment

Ambient air temperature for operation	-5...55 °C
Net weight	0.97 kg

### Packing Units

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

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

Package 1 Height	9.2 cm
Package 1 Width	10 cm
Package 1 Length	18.6 cm
Package 1 Weight	970 g

## Contractual warranty

Warranty	18 months
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## Sustainability

**Green Premium™ label** is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO<sub>2</sub> products.

**Guide to assessing product sustainability** is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

[Learn more about Green Premium >](#)

[Guide to assess a product's sustainability >](#)

## Well-being performance

✓	Reach Free Of Svhc	
✓	Toxic Heavy Metal Free	
✓	Mercury Free	
✓	Rohs Exemption Information	Yes
Eu Rohs Directive		Pro-active compliance (Product out of EU RoHS legal scope) <a href="#">EU RoHS Declaration</a>
China Rohs Regulation		<a href="#">China RoHS declaration</a>