

Product datasheet

Specifications



TeSys F - specific contactor coil - 48 V AC 40...400 Hz low consumption

LX9FK917

⚠ Discontinued on: 30 Sept 2020

⚠ End-of-service on: 7 Sept 2021

⚠ Discontinued

Main

Range	TeSys
Product or component type	Specific contactor coil
Device short name	LX9FK
Range compatibility	TeSys TeSys F LC1F contactor TeSys TeSys F DR5TF rectifier
Product compatibility	DR5TF LC1F500
Control circuit type	AC at 40...400 Hz low consumption DC low consumption
[Uc] control circuit voltage	48 V AC 40...400 Hz 48 V DC
Inductance of closed circuit	0.18 H
Average resistance	3.73 Ohm inrush at 20 °C 30.7 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	550 VA 40...400 Hz (at 20 °C)
Hold-in power consumption in VA	31 VA 40...400 Hz (at 20 °C)
Heat dissipation	15...18.3 W

Environment

Ambient air temperature for operation	-5...55 °C
Net weight	1.08 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	9.5 cm
Package 1 Width	10 cm
Package 1 Length	18.5 cm
Package 1 Weight	1.272 kg

Contractual warranty

Warranty (in months)	18
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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