

Product data sheet

Specifications



TeSys F - contactor coil - LX1FK - 1000 V AC 40...400 Hz

LX1FK1000

⚠ Discontinued on: Jan 18, 2021

⚠ Discontinued

Main

Range	TeSys
Product or component type	Contactor coil
Device short name	LX1FK
Range compatibility	TeSys TeSys F LC1F contactor
Product compatibility	LC1F500
Control circuit type	AC 40...400 Hz
[Uc] control circuit voltage	1000 V AC 40...400 Hz
Inductance of closed circuit	72 H
Average resistance	679 Ohm inrush 68 °F (20 °C) 16960 Ohm holding 68 °F (20 °C)
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 cos phi 0.9 (at 68 °F (20 °C))
Hold-in power consumption in VA	18 VA 40...400 Hz cos phi 0.3 (at 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

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 Longer



Lifetime extension

Repair

No