

Product data sheet

Specifications



TeSys F - contactor coil - LX1FK - 550...600 V AC 40...400 Hz

LX1FK600

 To be discontinued on: Dec 31, 2028

Product availability: Stock - Normally stocked in distribution facility

 To be 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	550...600 V AC 40...400 Hz
Inductance of closed circuit	23.9 H
Average resistance	232 Ohm inrush 68 °F (20 °C) 5660 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)

Ordering and shipping details

Category	US10I1222341
Discount Schedule	0I12
GTIN	3389110225549
Returnability	Yes

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

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

Country of origin	CZ
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Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	3.6 in (9.2 cm)
Package 1 Width	3.9 in (10.0 cm)
Package 1 Length	7.3 in (18.6 cm)
Package weight(Lbs)	2.54 lb(US) (1.15 kg)

Contractual warranty

Warranty	18 months
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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	
Carbon footprint (kg CO2 eq, Total Life cycle)	70
Environmental Disclosure	Product Environmental Profile

Use Better

 Materials and Substances	
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	No
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)
REACH Regulation	REACH Declaration

Use Again

 Repack and remanufacture	
Circularity Profile	End of Life Information
Take-back	No