

Product data sheet

Specifications



TeSys F - contactor coil - LX1FJ - 500 V AC 40...400 Hz

LX1FJ500

⚠ To be discontinued on: Dec 31, 2028

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Product availability: Non-Stock - Not normally stocked in distribution facility

Price*: 344.40 USD

Main

Range	TeSys
Product or Component Type	Contactor coil
Device short name	LX1FJ
Range compatibility	TeSys TeSys F LC1F contactor
Product Compatibility	LC1F400
Control circuit type	AC 40...400 Hz
[Uc] control circuit voltage	500 V AC 40...400 Hz
Inductance of closed circuit	25.5 H
Average resistance	190 Ohm inrush 68.0000000000 °F (20 °C) 4980 Ohm holding 68.0000000000 °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	1075 VA 40...400 Hz cos phi 0.9 (at 68 °F (20 °C))
Hold-in power consumption in VA	15 VA 40...400 Hz cos phi 0.3 (at 68 °F (20 °C))
Heat dissipation	14 W 40...400 Hz

Environment

Ambient Air Temperature for Operation	23...131 °F (-5...55 °C)
Net Weight	2.2 lb(US) (1 kg)

Ordering and shipping details

Category	US10I1222341
Discount Schedule	0112
GTIN	3389110083453

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

Returnability	Yes
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Country of origin	CZ
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Packing Units

Unit Type of Package 1	PCE
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Number of Units in Package 1	1
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Package 1 Height	3.7 in (9.5 cm)
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Package 1 Width	3.9 in (10.0 cm)
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Package 1 Length	7.5 in (19.0 cm)
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Package 1 Weight	2.423 lb(US) (1.099 kg)
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Contractual warranty

Warranty	18 months
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Sustainability

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

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



Transparency RoHS/REACH

Well-being performance

✓ Reach Free Of Svhc

✓ Toxic Heavy Metal Free

✓ Mercury Free

✓ Rohs Exemption Information Yes

Certifications & Standards

Reach Regulation [REACH Declaration](#)

Eu Rohs Directive Pro-active compliance (Product out of EU RoHS legal scope)
[EU RoHS Declaration](#)

China Rohs Regulation [China RoHS declaration](#)

Environmental Disclosure [Product Environmental Profile](#)

Circularity Profile [End of Life Information](#)
