

Product datasheet

Specifications



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

LX1FJ500

To be discontinued on: 31 Dec 2028

To be discontinued

Price: 6,974.32 ZAR

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 at 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 at 20 °C 4980 Ohm holding at 20 °C
Operating Time	100...170 ms opening 40...75 ms closing
Mechanical Durability	10 Mcycles
Maximum Operating Rate	2400 cyc/h 55 °C

Complementary

Coil Technology	Without built-in suppressor module
Control Circuit Voltage Limits	Operational: 0.85...1.1 Uc 40...400 Hz (at 55 °C) Drop-out: 0.3...0.5 Uc 40...400 Hz (at 55 °C)
Inrush Power In Va	1075 VA 40...400 Hz cos phi 0.9 (at 20 °C)
Hold-In Power Consumption In Va	15 VA 40...400 Hz cos phi 0.3 (at 20 °C)
Heat Dissipation	14 W at 40...400 Hz

Environment

Ambient Air Temperature For Operation	-5...55 °C
Net Weight	1 kg

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	9.5 cm
Package 1 Width	10.0 cm

Excluding VAT and subject to change. Please check with your local distributor through "Where to buy"

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 Length	19.0 cm
Package 1 Weight	1.099 kg

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-CO₂ 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
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	