

Product datasheet

Specifications



TeSys F - contactor coil - LX1FL - 110...120 V AC 40...400 Hz

LX1FL110

⚠ To be discontinued on: 31 Dec 2028

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Price: 8,752.31 ZAR

Main

Range	TeSys
Product Or Component Type	Contactor coil
Device Short Name	LX1FL
Range Compatibility	TeSys TeSys F LC1F contactor
Product Compatibility	LC1F1250 LC1F630
Control Circuit Type	AC at 40...400 Hz
[Uc] Control Circuit Voltage	110...120 V AC 40...400 Hz
Inductance Of Closed Circuit	1.85 H
Average Resistance	6.45 Ohm inrush at 20 °C 165 Ohm holding at 20 °C
Operating Time	100...200 ms opening 40...80 ms closing
Mechanical Durability	5 Mcycles
Maximum Operating Rate	1200 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: 0.25...0.5 Uc 40...400 Hz (at 55 °C)
Inrush Power In Va	1650 VA 40...400 Hz cos phi 0.9 (at 20 °C)
Hold-In Power Consumption In Va	22 VA 40...400 Hz cos phi 0.3 (at 20 °C)
Heat Dissipation	20 W at 40...400 Hz

Environment

Ambient Air Temperature For Operation	-5...55 °C
Net Weight	1.5 kg

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	10.0 cm
Package 1 Width	12.0 cm

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

Package 1 Length	22.5 cm
Package 1 Weight	1.466 kg
Unit Type Of Package 2	S03
Number Of Units In Package 2	6
Package 2 Height	30.0 cm
Package 2 Width	30.0 cm
Package 2 Length	40.0 cm
Package 2 Weight	9.21 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.

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[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](#)
