

Product data sheet

Specifications



TeSys F - contactor coil - LX1FJ - 415...440V AC 40...400 Hz

LX1FJ415

⚠ To be discontinued on: Dec 30, 2028

⚠ To be end-of-service on: Dec 30, 2029

⚠ To be discontinued

Product availability: Stock - Normally stocked in distribution facility

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	415...440 V AC 40...400 Hz
Inductance of closed circuit	19.4 H
Average resistance	145 Ohm inrush 68 °F (20 °C) 4070 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	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)
Product Weight	2.2 lb(US) (1 kg)

Ordering and shipping details

Category	US10I1222341
Discount Schedule	0112
GTIN	3389110082081

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	7.30 in (18.542 cm)
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Package 1 Width	3.60 in (9.144 cm)
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Package 1 Length	4.00 in (10.16 cm)
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Package 1 Weight	2.401 lb(US) (1.089 kg)
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Unit Type of Package 2	S03
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Number of Units in Package 2	6
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Package 2 Height	11.81 in (30 cm)
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Package 2 Width	11.81 in (30 cm)
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Package 2 Length	15.75 in (40 cm)
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Package 2 Weight	16.129 lb(US) (7.316 kg)
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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

[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