

Product data sheet

Specifications



TeSys F - contactor coil - LX1FJ - 120...127 V AC 40...400 Hz

LX1FJ127

⚠ To be discontinued on: Dec 31, 2028

⚠ To be discontinued

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	120...127 V AC 40...400 Hz
Inductance of closed circuit	1.75 H
Average resistance	12.8 Ohm inrush at 20 °C 280 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	9.000 cm
Package 1 Width	10.900 cm

Package 1 Length	18.400 cm
Package 1 Weight	1.122 kg
Unit Type of Package 2	S03
Number of Units in Package 2	8
Package 2 Height	30.000 cm
Package 2 Width	30.000 cm
Package 2 Length	40.000 cm
Package 2 Weight	9.396 kg
Unit Type of Package 3	P06
Number of Units in Package 3	64
Package 3 Height	75.000 cm
Package 3 Width	80.000 cm
Package 3 Length	60.000 cm
Package 3 Weight	83.168 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

Total lifecycle Carbon footprint 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

End of life manual availability [End of Life Information](#)

Take-back No