

Product datasheet

Specifications



TeSys F - contactor coil - LX1FF - 48 V AC 50 Hz

LX1FF048

⚠ Discontinued on: Sep 4, 2023

⚠ To be end-of-service on: Sep 3, 2026

⚠ Discontinued

Main

Range	TeSys
Product or component type	Contactor coil
Device short name	LX1FF
Range compatibility	TeSys TeSys F LC1F contactor
Product compatibility	LC1F150 LC1F115
Control circuit type	AC at 50 Hz
[Uc] control circuit voltage	48 V AC 50 Hz
Inductance of closed circuit	0.16 H
Average resistance	1.17 Ohm at 20 °C
Operating time	23...35 ms closing 5...15 ms opening
Mechanical durability	10 Mcycles
Maximum operating rate	2400 cyc/h 55 °C

Complementary

Coil technology	Without built-in suppressor module
Control circuit voltage limits	Drop-out: 0.35...0.55 Uc 50/60 Hz (at 55 °C) Operational: 0.85...1.1 Uc 50/60 Hz (at 55 °C)
Inrush power in VA	550 VA 50 Hz cos phi 0.3 (at 20 °C)
Hold-in power consumption in VA	45 VA 50 Hz cos phi 0.3 (at 20 °C)
Heat dissipation	12...16 W at 50 Hz

Environment

Ambient air temperature for operation	-5...55 °C
Net weight	0.43 kg

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	7.4 cm
Package 1 Width	10.5 cm

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

Package 1 Length 17.6 cm

Package 1 Weight 506 g

Contractual warranty

Warranty 18 months



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

[EU RoHS Directive](#)

Pro-active compliance (Product out of EU RoHS legal scope)

Use Again

Repack and remanufacture

End of life manual availability

[End of Life Information](#)