

# Product datasheet

Specifications



## TeSys F - contactor coil - LX1FF - 220...230 V AC 50Hz - 265...277 V AC 60 Hz

LX1FF220

❗ Discontinued on: 31 Dec 2020

❗ End-of-service on: 8 Oct 2021

❗ 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 50/60 Hz
[Uc] control circuit voltage	220...230 V AC 50 Hz 265...277 V AC 60 Hz
Inductance of closed circuit	3.44 H
Average resistance	28.1 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) 660 VA 60 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) 55 VA 60 Hz cos phi 0.3 (at 20 °C)
Heat dissipation	12...16 W at 50/60 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

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Package 1 Height	7 cm
Package 1 Width	8 cm
Package 1 Length	16 cm
Package 1 Weight	494 g

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## Contractual warranty

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Warranty	12 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 >](#)

### Use Better

#### Materials and Packaging

[EU RoHS Directive](#)

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