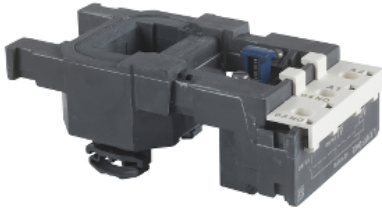


# Product data sheet

Specifications



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

LX1FF220

❗ Discontinued on: 08 October 2021

❗ Discontinued

### Main

Range	TeSys
Product or component type	Contactor coil
Device short name	LX1FF
Range compatibility	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 U <sub>c</sub> 50/60 Hz (at 55 °C) Operational: 0.85...1.1 U <sub>c</sub> 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
Package 1 Weight	494.0 g
Package 1 Height	7 cm
Package 1 width	8 cm
Package 1 Length	16 cm
Unit Type of Package 2	P06
Number of Units in Package 2	112
Package 2 Weight	65.28 kg
Package 2 Height	75 cm
Package 2 width	80 cm
Package 2 Length	60 cm
Unit Type of Package 3	S03
Number of Units in Package 3	14
Package 3 Weight	7.16 kg
Package 3 Height	30 cm
Package 3 width	30 cm
Package 3 Length	40 cm

## Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	<a href="#">REACH Declaration</a>
REACH free of SVHC	Yes
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) <a href="#">EU RoHS Declaration</a>
Toxic heavy metal free	Yes
Mercury free	Yes
RoHS exemption information	<a href="#">Yes</a>
China RoHS Regulation	<a href="#">China RoHS declaration</a>
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
Circularity Profile	<a href="#">End of Life Information</a>

## Contractual warranty

Warranty	18 months
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## Recommended replacement(s)

LX1FF220 is replaced by:

1x



TeSys F - specific contactor coil - 220...230 V AC 40...400 Hz low consumption  
LX9FF220