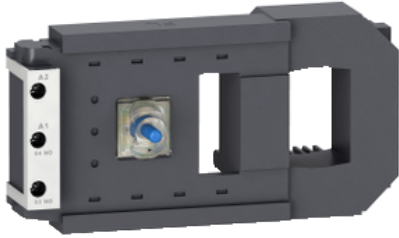


# Product data sheet

Specifications



## TeSys F - specific contactor coil - 415...440V AC 40...400 Hz low consumption

LX9FF415

! To be discontinued on: 31 December 2028

! To be discontinued

### Main

Range	TeSys
Product or component type	Specific contactor coil
Device short name	LX9FF
Range compatibility	TeSys (TeSys F) LC1F contactor
Product compatibility	LC1F115 LC1F150
Control circuit type	AC at 40...400 Hz low consumption
[Uc] control circuit voltage	415...440 V AC 40...400 Hz
Inductance of closed circuit	30 H
Average resistance	218 Ohm inrush at 20 °C 8460 Ohm holding at 20 °C
Operating time	130 ms opening 35 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 U <sub>c</sub> (at 55 °C) Drop-out: 0.2...0.55 U <sub>c</sub> (at 55 °C)
Inrush power in VA	690...855 VA 40...400 Hz (at 20 °C)
Hold-in power consumption in VA	6.6...8.1 VA 40...400 Hz (at 20 °C)
Heat dissipation	5.9...7.2 W

### Environment

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

### Packing Units

Unit Type of Package 1	PCE
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Number of Units in Package 1	1
Package 1 Height	7.6 cm
Package 1 Width	10.4 cm
Package 1 Length	18.0 cm
Package 1 Weight	517.0 g
Unit Type of Package 2	S03
Number of Units in Package 2	14
Package 2 Height	30.0 cm
Package 2 Width	30.0 cm
Package 2 Length	40.0 cm
Package 2 Weight	7.99 kg

## 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>
Mercury free	Yes
China RoHS Regulation	<a href="#">China RoHS declaration</a>
RoHS exemption information	Yes
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)