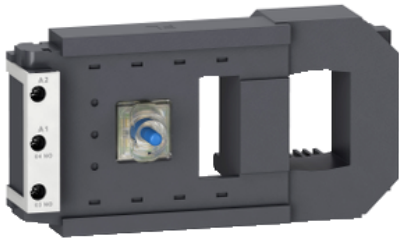


# Product datasheet

Specifications



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

LX9FG415

**To be discontinued on:** 31 December 2028

**To be discontinued**

### Main

Range	TeSys
Product or component type	Specific contactor coil
Device short name	LX9FG
Range compatibility	TeSys TeSys F LC1F contactor
Product compatibility	LC1F185 LC1F225
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	20.6 H
Average resistance	157 Ohm inrush at 20 °C 5930 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 Uc (at 55 °C) Drop-out: 0.2...0.55 Uc (at 55 °C)
Inrush power in VA	950...1180 VA 40...400 Hz (at 20 °C)
Hold-in power consumption in VA	8.9...10.9 VA 40...400 Hz (at 20 °C)
Heat dissipation	8...9.8 W

### Environment

Ambient air temperature for operation	-5...55 °C
Net weight	0.55 kg

### Packing Units

Unit Type of Package 1	PCE
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Number of Units in Package 1	1
Package 1 Height	7.500 cm
Package 1 Width	10.500 cm
Package 1 Length	17.800 cm
Package 1 Weight	570.900 g
Unit Type of Package 2	S03
Number of Units in Package 2	14
Package 2 Height	30.000 cm
Package 2 Width	30.000 cm
Package 2 Length	40.000 cm
Package 2 Weight	8.444 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	<a href="#">Yes</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)