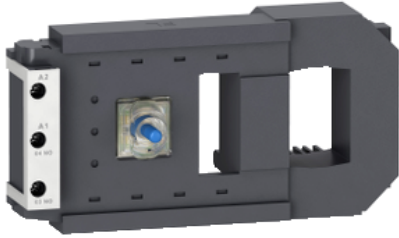


# Product datasheet

Specifications



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

LX9FG220

! 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	LC1F225 LC1F185
Control circuit type	AC at 40...400 Hz low consumption
[Uc] control circuit voltage	220...230 V AC 40...400 Hz
Inductance of closed circuit	5.84 H
Average resistance	1680 Ohm holding at 20 °C 42.1 Ohm inrush 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	7.5 cm
Package 1 Width	10.5 cm
Package 1 Length	17.7 cm
Package 1 Weight	581 g
Unit Type of Package 2	S03
Number of Units in Package 2	14
Package 2 Height	30 cm
Package 2 Width	30 cm
Package 2 Length	40 cm
Package 2 Weight	8.546 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)