



## Main

Range	TeSys
Product or component type	Specific contactor coil
Device short name	LX9FG
Range compatibility	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
Average resistance	1680 Ohm holding at 20 °C 42.1 Ohm inrush at 20 °C
Inductance of closed circuit	5.84 H
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: 0.35...0.55 U <sub>c</sub> (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

**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
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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