

## Product data sheet

### Characteristics

# LX9FG240

TeSys F - specific contactor coil - 240 V AC  
40...400 Hz low consumption



### Main

Range	TeSys
Product or component type	Specific contactor coil
Device short name	LX9FG
Range compatibility	TeSys F LC1F contactor
Product compatibility	LC1F185 LC1F225
Control circuit type	AC at 40...400 Hz low consumption
[Uc] control circuit voltage	240 V AC 40...400 Hz
Average resistance	50.6 Ohm inrush at 20 °C 2060 Ohm holding at 20 °C
Inductance of closed circuit	7.22 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 Uc (at 55 °C) Drop-out: 0.35...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

## 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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