



### Main

Range	TeSys
Product or component type	Specific contactor coil
Device short name	LX9FJ
Range compatibility	TeSys F LC1F contactor TeSys F DR5TE rectifier
Product compatibility	LC1F400 DR5TE
Control circuit type	AC at 40...400 Hz low consumption DC low consumption
[Uc] control circuit voltage	110 V AC 40...400 Hz 110 V DC
Average resistance	25.7 Ohm inrush at 20 °C 246 Ohm holding at 20 °C
Inductance of closed circuit	1.3 H
Operating time	60 ms opening 50 ms closing
Mechanical durability	10 Mcycles
Maximum operating rate	3600 cyc/h 70 °C

### Complementary

Coil technology	Without built-in suppressor module
Control circuit voltage limits	Operational: 0.85...1.1 Uc (at 55 °C) Drop-out: 0.3...0.5 Uc (at 55 °C)
Inrush power in VA	500 VA 40...400 Hz (at 20 °C)
Hold-in power consumption in VA	23 VA 40...400 Hz (at 20 °C)
Hold-in power consumption in W	22 W at 20 °C
Heat dissipation	11.4...13.9 W

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

## Environment

Ambient air temperature for operation	-5...55 °C
Net weight	0.97 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>
Toxic heavy metal free	Yes
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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