

# Product datasheet

## Characteristics

# LX1FJ110

TeSys F - contactor coil - LX1FJ - 110...120 V AC  
40...400 Hz



### Main

Range	TeSys
Product or component type	Contactor coil
Device short name	LX1FJ
Range compatibility	TeSys F LC1F contactor
Product compatibility	LC1F400
Control circuit type	AC at 40...400 Hz
[Uc] control circuit voltage	110...120 V AC 40...400 Hz
Average resistance	9.8 Ohm inrush at 20 °C 230 Ohm holding at 20 °C
Inductance of closed circuit	1.35 H
Operating time	100...170 ms opening 40...75 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 40...400 Hz (at 55 °C) Drop-out: 0.3...0.5 Uc 40...400 Hz (at 55 °C)
Inrush power in VA	1075 VA 40...400 Hz cos phi 0.9 (at 20 °C)
Hold-in power consumption in VA	15 VA 40...400 Hz cos phi 0.3 (at 20 °C)
Heat dissipation	14 W at 40...400 Hz

### Environment

Ambient air temperature for operation	-5...55 °C
Net weight	1 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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