

# Product data sheet

## Characteristics

# LX1FL110

## TeSys F - contactor coil - LX1FL - 110...120 V AC 40...400 Hz



### Main

Range	TeSys
Product or component type	Contactor coil
Device short name	LX1FL
Range compatibility	TeSys F LC1F contactor
Product compatibility	LC1F1250 LC1F630
Control circuit type	AC at 40...400 Hz
[Uc] control circuit voltage	110...120 V AC 40...400 Hz
Average resistance	6.45 Ohm inrush at 20 °C 165 Ohm holding at 20 °C
Inductance of closed circuit	1.85 H
Operating time	100...200 ms opening 40...80 ms closing
Mechanical durability	5 Mcycles
Maximum operating rate	1200 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: 0.25...0.5 Uc 40...400 Hz (at 55 °C)
Inrush power in VA	1650 VA 40...400 Hz cos phi 0.9 (at 20 °C)
Hold-in power consumption in VA	22 VA 40...400 Hz cos phi 0.3 (at 20 °C)
Heat dissipation	20 W at 40...400 Hz

### Environment

Ambient air temperature for operation	-5...55 °C
Net weight	1.5 kg

### Packing Units

Package 1 Weight	1.445 kg
Package 1 Height	1.000 dm
Package 1 width	1.200 dm
Package 1 Length	2.250 dm

### Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	<input checked="" type="checkbox"/> <a href="#">REACH Declaration</a>
REACH free of SVHC	Yes
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) <input checked="" type="checkbox"/> <a href="#">EU RoHS Declaration</a>
Toxic heavy metal free	Yes
Mercury free	Yes
RoHS exemption information	<input checked="" type="checkbox"/> Yes

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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>

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### **Contractual warranty**

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Warranty	18 months
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