

# Product datasheet

Specifications



## TeSys F - contactor coil - LX1FJ - 415...440V AC 40...400 Hz

Local distributor code: 2200604 LX1FJ415

⚠ Discontinued on: 31 December 2022

EAN Code : 3389110082081

⚠ To be discontinued

### Main

Range	TeSys
Product or component type	Contactor coil
Device short name	LX1FJ
Range compatibility	TeSys (TeSys F) LC1F contactor
Product compatibility	LC1F400
Control circuit type	AC at 40...400 Hz
[Uc] control circuit voltage	415...440 V AC 40...400 Hz
Inductance of closed circuit	19.4 H
Average resistance	145 Ohm inrush at 20 °C 4070 Ohm holding at 20 °C
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

### Packing Units

Unit Type of Package 1	PCE
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Number of Units in Package 1	1
Package 1 Height	18.542 cm
Package 1 Width	9.144 cm
Package 1 Length	10.16 cm
Package 1 Weight	1.089 kg
Unit Type of Package 2	S03
Number of Units in Package 2	6
Package 2 Height	30 cm
Package 2 Width	30 cm
Package 2 Length	40 cm
Package 2 Weight	7.316 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
China RoHS Regulation	<a href="#">China RoHS declaration</a>
RoHS exemption information	Yes
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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## Recommended replacement(s)