



## Main

Range	TeSys
Product or component type	Contacteur coil
Device short name	LX1FL
Range compatibility	TeSys TeSys F LC1F contactor
Product compatibility	LC1F1250 LC1F630
Control circuit type	AC at 40...400 Hz
[Uc] control circuit voltage	415...440 V AC 40...400 Hz
Inductance of closed circuit	13 H
Average resistance	96 Ohm inrush at 20 °C 2960 Ohm holding at 20 °C
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

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	10.0 cm
Package 1 Width	11.5 cm
Package 1 Length	22.5 cm
Package 1 Weight	1.396 kg
Unit Type of Package 2	S03
Number of Units in Package 2	6
Package 2 Height	30.0 cm
Package 2 Width	30.0 cm
Package 2 Length	40.0 cm
Package 2 Weight	8.866 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	<a href="#">Yes</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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