



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	 REACH Declaration
REACH free of SVHC	Yes
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)  EU RoHS Declaration
Toxic heavy metal free	Yes
Mercury free	Yes
RoHS exemption information	 Yes

China RoHS Regulation	 China RoHS Declaration
Environmental Disclosure	 Product Environmental Profile
Circularity Profile	 End Of Life Information

Contractual warranty

Warranty	18 months
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