



Main

Commercial Status	Commercialised
Range of product	TeSys F
Product or component type	Contactor coil
Device short name	LX1FL
Control circuit type	AC 40...400 Hz
Control circuit voltage	110...120 V AC 40...400 Hz
Average resistance	165 Ohm holding at 20 °C 6.45 Ohm inrush at 20 °C
Inductance of closed circuit	1.85 H
Product compatibility	LC1F630 LC1F1250
Operating time	40...80 ms closing 100...200 ms opening
Mechanical durability	5 Mcycles
Operating rate	1200 cyc/h at <= 55 °C

Complementary

Coil technology	Without built-in suppressor module
Control circuit voltage limits	0.25...0.5 U _c at 55 °C drop-out 40...400 Hz 0.85...1.1 U _c at 55 °C operational 40...400 Hz
Inrush power in VA	1650 VA at 20 °C (cos φ 0.9) 40...400 Hz
Hold-in power consumption in VA	22 VA at 20 °C (cos φ 0.3) 40...400 Hz
Heat dissipation	20 W at 40...400 Hz

Environment

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

Contractual warranty

Period	18 months
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