



Main

Commercial Status	Commercialised
Range of product	TeSys F
Product or component type	Contacteur coil
Device short name	LX1FK
Control circuit type	AC 40...400 Hz
Control circuit voltage	110...120 V AC 40...400 Hz
Average resistance	260 Ohm holding at 20 °C 9.55 Ohm inrush at 20 °C
Inductance of closed circuit	1.25 H
Product compatibility	LC1F500
Operating time	40...75 ms closing 100...170 ms opening
Mechanical durability	10 Mcycles
Operating rate	2400 cyc/h at <= 55 °C

Complementary

Coil technology	Without built-in suppressor module
Control circuit voltage limits	0.3...0.5 Uc at 55 °C drop-out 40...400 Hz 0.85...1.1 Uc at 55 °C operational 40...400 Hz
Inrush power in VA	1100 VA at 20 °C (cos φ 0.9) 40...400 Hz
Hold-in power consumption in VA	18 VA at 20 °C (cos φ 0.3) 40...400 Hz
Heat dissipation	18 W at 40...400 Hz

Environment

Ambient air temperature for operation	> -5...55 °C
Product weight	1.15 kg

Contractual warranty

Period	18 months
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