



Main

Range	TeSys
Product or component type	Contactor coil
Device short name	LX1FK
Range compatibility	TeSys F LC1F contactor
Product compatibility	LC1F500
Control circuit type	AC 40...400 Hz
[Uc] control circuit voltage	220...230 V AC 40...400 Hz
Average resistance	35.5 Ohm inrush at 20 °C 915 Ohm holding at 20 °C
Inductance of closed circuit	4.55 H
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	0.85...1.1 Uc at 55 °C operational 40...400 Hz 0.3...0.5 Uc at 55 °C drop-out 40...400 Hz
Inrush power in VA	1100 VA at 20 °C (cos f 0.9) 40...400 Hz
Hold-in power consumption in VA	18 VA at 20 °C (cos f 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

Warranty period	18 months
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