



### Main

Commercial Status	Commercialised
Range of product	TeSys F
Product or component type	Contactor coil
Device short name	LX1FF
Control circuit type	AC 50 Hz
Control circuit voltage	48 V AC 50 Hz
Average resistance	1.17 Ohm at 20 °C
Inductance of closed circuit	0.16 H
Product compatibility	LC1F115 LC1F150
Operating time	5...15 ms opening 23...35 ms closing
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 50/60 Hz 0.35...0.55 Uc at 55 °C drop-out 50/60 Hz
Inrush power in VA	550 VA at 20 °C (cos φ 0.3) 50 Hz
Hold-in power consumption in VA	45 VA at 20 °C (cos φ 0.3) 50 Hz
Heat dissipation	12...16 W at 50 Hz

### Environment

Ambient air temperature for operation	> -5...55 °C
Product weight	0.43 kg

### Contractual warranty

Period	18 months
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