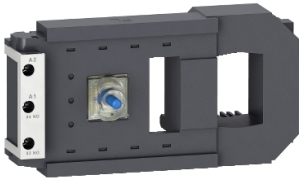


# Product datasheet

Specifications



## TeSys F - specific contactor coil - 90 V AC 40..400 Hz low consumption

LX9FG090

⚠ Discontinued on: Sep 14, 2020 AD

⚠ Discontinued

### Main

Range	TeSys
Product or component type	Specific contactor coil
Device short name	LX9FG
Range compatibility	TeSys TeSys F LC1F contactor
Product compatibility	LC1F185 LC1F225
Control circuit type	AC at 40...400 Hz low consumption
[Uc] control circuit voltage	90 V AC 40...400 Hz
Average resistance	6.92 Ohm inrush at 20 °C 220 Ohm holding at 20 °C
Operating time	130 ms opening 35 ms closing
Mechanical durability	10 Mcycles
Maximum operating rate	2400 cyc/h 55 °C

### Complementary

Coil technology	Without built-in suppressor module
Control circuit voltage limits	Operational: 0.85...1.1 Uc (at 55 °C) Drop-out: 0.35...0.55 Uc (at 55 °C)
Inrush power in VA	950...1180 VA 40...400 Hz (at 20 °C)
Hold-in power consumption in VA	8.9...10.9 VA 40...400 Hz (at 20 °C)
Heat dissipation	8...9.8 W

### Environment

Ambient air temperature for operation	-5...55 °C
Product weight	0.55 kg

### Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1

### Contractual warranty

Warranty (in months)	18
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## Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

### Use Longer



#### Lifetime extension

Repair

No