


# Product data sheet

Specifications



## TeSys F - specific contactor coil - 42 V AC 40..400 Hz low consumption

LX9FG042

 **Discontinued on:** Dec 22, 2020

 **Discontinued**

### Main

Range	TeSys
Product Or Component Type	Specific contactor coil
Device Short Name	LX9FG
Range Compatibility	TeSys TeSys F LC1F contactor
Product Compatibility	LC1F225 LC1F185
Control Circuit Type	AC at 40...400 Hz low consumption
[Uc] Control Circuit Voltage	42 V AC 40...400 Hz
Inductance Of Closed Circuit	0.25 H
Average Resistance	1.75 Ohm inrush at 20 °C 45.61 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: 0.2...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
Net Weight	0.55 kg

### Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	6.2 cm
Package 1 Width	7.9 cm

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Package 1 Length	16.6 cm
Package 1 Weight	550 g

## Contractual warranty

Warranty	18 months
----------	-----------