

Product data sheet

Specifications



TeSys F - contactor coil - LX1FG - 100 V AC 50 Hz

LX1FG100

 **Discontinued on:** Aug 7, 2025

 **Discontinued**

Main

Range	TeSys
Product or component type	Contactor coil
Device short name	LX1FG
Range compatibility	TeSys TeSys F LC1F contactor
Product compatibility	LC1F185 LC1F225
Control circuit type	AC 50 Hz
[Uc] control circuit voltage	100 V AC 50 Hz
Inductance of closed circuit	0.03 H
Average resistance	0.18 Ohm 68 °F (20 °C)
Operating time	20...35 ms closing 7...15 ms opening
Mechanical durability	10 Mcycles
Maximum operating rate	2400 cyc/h 131 °F (55 °C)

Complementary

Coil technology	Without built-in suppressor module
Control circuit voltage limits	Drop-out 0.35...0.55 Uc 50/60 Hz 131 °F (55 °C)) Operational 0.85...1.1 Uc 50/60 Hz 131 °F (55 °C))
Inrush power in VA	805 VA 50 Hz cos phi 0.3 (at 68 °F (20 °C))
Hold-in power consumption in VA	55 VA 50 Hz cos phi 0.3 (at 68 °F (20 °C))
Heat dissipation	18...24 W 50 Hz

Environment

Ambient air temperature for operation	23...131 °F (-5...55 °C)
Net weight	1.21 lb(US) (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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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



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 Better



Materials and Substances

[EU RoHS Directive](#)

Pro-active compliance (Product out of EU RoHS legal scope)

Use Longer



Lifetime extension

Repair

No

Use Again



Repack and remanufacture

Circularity Profile

[End of Life Information](#)

WEEE Label



The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins