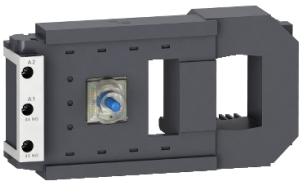
Product data sheet

Specifications

Green Premium™



TeSys F - specific contactor coil - 100 V AC 40..400 Hz low consumption

LX9FG100

To be discontinued on: Dec 31, 2028

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 40...400 Hz low consumption
[Uc] Control Circuit Voltage	100 V AC 40...400 Hz
Average Resistance	8.45 Ohm inrush 68 °F (20 °C) 328.8 Ohm holding 68 °F (20 °C)
Operating Time	130 ms opening 35 ms closing
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	Operational 0.85...1.1 Uc 131 °F (55 °C)) Drop-out 0.2...0.55 Uc 131 °F (55 °C))
Inrush Power In Va	950…1180 VA 40...400 Hz (at 68 °F (20 °C))
Hold-In Power Consumption In Va	8.9…10.9 VA 40...400 Hz (at 68 °F (20 °C))
Heat Dissipation	8…9.8 W

Environment

Ambient Air Temperature For Operation	23…131 °F (-5…55 °C)
Net Weight	1.21 lb(US) (0.55 kg)

Ordering and shipping details

Category	22341-CONTACTOR,D,K,&F ACCESS
Discount Schedule	I12
Gtin	3389118112452
Returnability	No

Price is “List Price” and may be subject to a trade discount – check with your local distributor or retailer for actual price.

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

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	2.44 in (6.2 cm)
Package 1 Width	3.11 in (7.9 cm)
Package 1 Length	6.54 in (16.6 cm)
Package 1 Weight	19.40 oz (550.0 g)

Contractual warranty

Warranty	18 months

Sustainability

Green Premium™ label is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO_2 products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

Learn more about Green Premium >

Guide to assess a product's sustainability >

Transparency RoHS/REACh

Well-being performance

Reach Free Of Svhc	
Toxic Heavy Metal Free	
Mercury Free	
Rohs Exemption Information	Yes

Certifications & Standards

Reach Regulation	REACh Declaration
Eu Rohs Directive	Compliant EU RoHS Declaration
China Rohs Regulation	China RoHS declaration
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End of Life Information