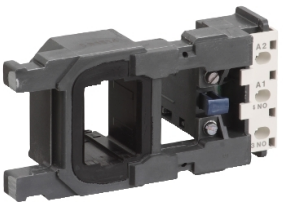
Product data sheet

Specifications

Green Premium™



contactor coil - TeSys F - LX1FG - 450 V AC - 50 Hz

LX1FG450

Discontinued on: Jul 12, 2021

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	450 V AC 50 Hz 550 V AC 60 Hz
Inductance Of Closed Circuit	10.74 H
Average Resistance	67.98 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)) 970 VA 60 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)) 66 VA 60 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)

Ordering and shipping details

Category	22341-CONTACTOR,D,K,&F ACCESS
Discount Schedule	I12
Gtin	3389118109063

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

Returnability	No
Country Of Origin	CZ

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1

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

Mercury Free	
Rohs Exemption Information	Yes
Pvc Free	

Certifications & Standards

Eu Rohs Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
China Rohs Regulation	China RoHS declaration Product out of China RoHS scope. Substance declaration for your information.
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End of Life Information