Product data sheet

Specifications

TeSys F - contactor coil - LX1FK - 48 V AC 40...400 Hz

LX1FK048

Product availability: Non-Stock - Not normally stocked in distribution facility

Price*: 360.00 USD

Main

Range	TeSys
Product Or Component Type	Contactor coil
Device Short Name	LX1FK
Range Compatibility	TeSys TeSys F LC1F contactor
Product Compatibility	LC1F500
Control Circuit Type	AC 40...400 Hz
[Uc] Control Circuit Voltage	48 V AC 40...400 Hz
Inductance Of Closed Circuit	0.19 H
Average Resistance	1.9 Ohm inrush 68 °F (20 °C) 33.5 Ohm holding 68 °F (20 °C)
Operating Time	100...170 ms opening 40...75 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 40...400 Hz 131 °F (55 °C)) Drop-out 0.3...0.5 Uc 40...400 Hz 131 °F (55 °C))
Inrush Power In Va	1100 VA 40...400 Hz cos phi 0.9 (at 68 °F (20 °C))
Hold-In Power Consumption In Va	18 VA 40...400 Hz cos phi 0.3 (at 68 °F (20 °C))
Heat Dissipation	18 W 40...400 Hz

Environment

Ambient Air Temperature For Operation	23…131 °F (-5…55 °C)
Net Weight	2.54 lb(US) (1.15 kg)

Ordering and shipping details

Category	US10I1222341
Discount Schedule	0I12
Gtin	3389110082197
Returnability	No
Country Of Origin	US

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	4.53 in (11.5 cm)
Package 1 Width	3.94 in (10.0 cm)
Package 1 Length	8.90 in (22.6 cm)
Package 1 Weight	2.80 lb(US) (1.269 kg)
Unit Type Of Package 2	S03
Number Of Units In Package 2	6
Package 2 Height	11.81 in (30.0 cm)
Package 2 Width	11.81 in (30.0 cm)
Package 2 Length	15.75 in (40.0 cm)
Package 2 Weight	18.36 lb(US) (8.327 kg)

Contractual warranty

Warranty	18 months

Sustainability

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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	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
China Rohs Regulation	China RoHS declaration
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End of Life Information