

Product datasheet

Specifications



TeSys F - contactor coil - LX1FK - 220...230 V AC 40...400 Hz

LX1FK220

 To be discontinued on: 31 Dec 2028

Price: 7,279.47 ZAR

 To be discontinued

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 at 40...400 Hz
[Uc] Control Circuit Voltage	220...230 V AC 40...400 Hz
Inductance Of Closed Circuit	4.55 H
Average Resistance	35.5 Ohm inrush at 20 °C 915 Ohm holding at 20 °C
Operating Time	100...170 ms opening 40...75 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 40...400 Hz (at 55 °C) Drop-out: 0.3...0.5 Uc 40...400 Hz (at 55 °C)
Inrush Power In Va	1100 VA 40...400 Hz cos phi 0.9 (at 20 °C)
Hold-In Power Consumption In Va	18 VA 40...400 Hz cos phi 0.3 (at 20 °C)
Heat Dissipation	18 W at 40...400 Hz

Environment

Ambient Air Temperature For Operation	-5...55 °C
Net Weight	1.15 kg

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	10.500 cm
Package 1 Width	13.000 cm

Excluding VAT and subject to change. Please check with your local distributor through "Where to buy"

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	20.300 cm
Package 1 Weight	1.235 kg
Unit Type Of Package 2	S03
Number Of Units In Package 2	6
Package 2 Height	30.000 cm
Package 2 Width	30.000 cm
Package 2 Length	40.000 cm
Package 2 Weight	7.838 kg
Unit Type Of Package 3	P06
Number Of Units In Package 3	48
Package 3 Height	75.000 cm
Package 3 Width	60.000 cm
Package 3 Length	80.000 cm
Package 3 Weight	76.556 kg

Contractual warranty

Warranty	18 months
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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 >](#)

Well-being performance

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