

Product datasheet

Specifications



TeSys F - contactor coil - LX1FH - 48V AC 40...400 Hz

LX1FH0482

 To be discontinued on: 31 Dec 2028

 To be discontinued

Price: 3,148.51 ZAR

Main

Range	TeSys
Product Or Component Type	Contactor coil
Device Short Name	LX1FH
Range Compatibility	TeSys TeSys F LC1F contactor
Product Compatibility	LC1F265 LC1F330
Control Circuit Type	AC at 40...400 Hz
[Uc] Control Circuit Voltage	48 V AC 40...400 Hz
Average Resistance	2.96 Ohm inrush at 20 °C 67 Ohm holding at 20 °C
Operating Time	100...170 ms opening 40...65 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	Drop-out: 0.35...0.55 Uc 40...400 Hz (at 55 °C) Operational: 0.85...1.1 Uc 40...400 Hz (at 55 °C)
Inrush Power In Va	650 VA 40...400 Hz cos phi 0.9 (at 20 °C)
Hold-In Power Consumption In Va	10 VA 40...400 Hz cos phi 0.3 (at 20 °C)
Heat Dissipation	8 W at 40...400 Hz

Environment

Ambient Air Temperature For Operation	-5...55 °C
Net Weight	0.75 kg

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	9.0 cm
Package 1 Width	10.5 cm
Package 1 Length	18.5 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 Weight	867.0 g
Unit Type Of Package 2	S03
Number Of Units In Package 2	12
Package 2 Height	30.0 cm
Package 2 Width	30.0 cm
Package 2 Length	40.0 cm
Package 2 Weight	10.955 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.

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[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