

Product data sheet

Specifications



TeSys F - contactor coil - LX1FK - 265...277 V AC 40...400 Hz

LX1FK280

! Discontinued on: 24/08/2020

! 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	265...277 V AC 40...400 Hz
Inductance Of Closed Circuit	7.3 H
Average Resistance	56.5 Ohm inrush at 20 °C 1490 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	9.2 cm
Package 1 Width	10 cm

Package 1 Length	18.6 cm
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Package 1 Weight	1.15 kg
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Contractual warranty

Warranty	18 months
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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-CO₂ 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 >](#)



RoHS/REACH

Well-being performance

✓ Reach Free Of Svhc

✓ Toxic Heavy Metal Free

✓ Mercury Free

✓ Rohs Exemption Information [Yes](#)

Certifications & Standards

Eu Rohs Directive Pro-active compliance (Product out of EU RoHS legal scope)
[EU RoHS Declaration](#)

China Rohs Regulation [China RoHS declaration](#)
