Product datasheet

TeSys F - contactor coil - LX1FH - 24 V AC 40...400 Hz

LX1FH0242

⚠ **Discontinued on: 31 Dec 2023**

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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	24 V AC 40...400 Hz
Average Resistance	0.8 Ohm inrush at 20 °C 20 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	8.000 cm
Package 1 Width	11.000 cm
Package 1 Length	19.000 cm

Package 1 Weight	881.000 g
Unit Type Of Package 2	S03
Number Of Units In Package 2	12
Package 2 Height	30.000 cm
Package 2 Width	30.000 cm
Package 2 Length	40.000 cm
Package 2 Weight	10.973 kg
Unit Type Of Package 3	P06
Number Of Units In Package 3	96
Package 3 Height	75.000 cm
Package 3 Width	80.000 cm
Package 3 Length	60.000 cm
Package 3 Weight	95.784 kg

Contractual warranty

Warranty	18 months

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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