Product datasheet

Specifications

Green Premium™

TeSys F - contactor coil - LX1FX - 110...120 V AC 40...400 Hz

LX1FX110

⚠ Discontinued on: 18 Jan 2023

⚠ End-of-service on: 31 Dec 2023

⚠ **Discontinued**

Main

Range	TeSys
Product or component type	Contactor coil
Device short name	LX1FX
Range compatibility	TeSys TeSys F LC1F contactor
Product compatibility	LC1F780
Control circuit type	AC at 40...400 Hz
[Uc] control circuit voltage	110...120 V AC 40...400 Hz
Inductance of closed circuit	0.21 H
Average resistance	230 Ohm holding at 20 °C 4.95 Ohm inrush at 20 °C
Operating time	130...230 ms opening 40...80 ms closing
Mechanical durability	5 Mcycles
Maximum operating rate	600 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: 0.2...0.4 Uc 40...400 Hz (at 55 °C)
Inrush power in VA	2100 VA 40...400 Hz cos phi 0.9 (at 20 °C)
Hold-in power consumption in VA	50 VA 40...400 Hz cos phi 0.3 (at 20 °C)
Heat dissipation	44 W at 40...400 Hz

Environment

Ambient air temperature for operation	-5…55 °C
Net weight	3 kg

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	25.0 cm
Package 1 Width	18.5 cm

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Package 1 Length	18.5 cm
Package 1 Weight	3.122 kg
Unit Type of Package 2	S03
Number of Units in Package 2	2
Package 2 Height	30.0 cm
Package 2 Width	30.0 cm
Package 2 Length	40.0 cm
Package 2 Weight	6.338 kg

Contractual warranty

Warranty	18 months

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Sustainability ![Green Premium]

Green Premium^{TM} 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-CO_2 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 >

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