

Product datasheet

Specifications



TeSys F - contactor coil - LX1FX - 127 V AC 40...400 Hz

LX1FX127

⚠ Discontinued on: 1 Nov 2020

⚠ 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	127 V AC 40...400 Hz
Inductance of closed circuit	0.26 H
Average resistance	280 Ohm holding at 20 °C 6.1 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
Quantity per set	Set of 2

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1

Contractual warranty

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

Warranty (in months)	18
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Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

Use Better

Materials and Substances	
EU RoHS Directive	Compliant

Use Longer

Lifetime extension	
Repair	No