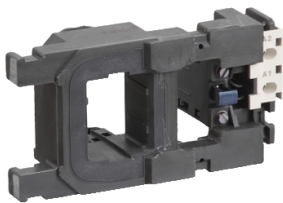


Product datasheet

Specifications



contactor coil LX1F - 100 V AC 50/60 Hz

LX1FH1002

⚠ Discontinued on: 30 Jun 2023

⚠ Discontinued

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 50/60 Hz
[Uc] control circuit voltage	100 V AC 50/60 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 50/60 Hz (at 55 °C) Operational: 0.85...1.1 Uc 50/60 Hz (at 55 °C)
Inrush power in VA	650 VA 50/60 Hz cos phi 0.9 (at 20 °C)
Hold-in power consumption in VA	10 VA 50/60 Hz cos phi 0.3 (at 20 °C)
Heat dissipation	8 W at 50/60 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	9.500 cm
Package 1 Width	10.000 cm
Package 1 Length	19.000 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	875.000 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	11.085 kg

Contractual warranty

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 >](#)



Environmental footprint

Total lifecycle Carbon footprint	70 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	0.9 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	69 kg CO2 eq.
Carbon footprint of the end-of-life phase [C1 to C4]	0.3 kg CO2 eq.

Use Better



Materials and Substances

Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Yes
EU RoHS Directive	Compliant with Exemptions
SCIP Number	975ba4d0-bc82-40e2-8faa-6f6819f63b0c
REACH Regulation	REACH Declaration

Use Longer



Lifetime extension

Repair	No
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Use Again



Repack and remanufacture

Recyclability potential, in %	95
Take-back	No
WEEE Label	 The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins