

Product datasheet

Specifications

TeSys F - contactor coil - LX1FH - 380...415 V AC 40...400 Hz



LX1FH3802

❗ 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	LX1FH
Range compatibility	TeSys TeSys F LC1F contactor
Product compatibility	LC1F330 LC1F265
Control circuit type	AC at 40...400 Hz
[Uc] control circuit voltage	380...415 V AC 40...400 Hz
Average resistance	217 Ohm inrush at 20 °C 4631 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	18.54 cm
Package 1 Width	10.16 cm
Package 1 Length	9.14 cm

Package 1 Weight	0.85 kg
Unit Type of Package 2	S03
Number of Units in Package 2	12
Package 2 Height	30 cm
Package 2 Width	30 cm
Package 2 Length	40 cm
Package 2 Weight	10.526 kg

Contractual warranty

Warranty	18 months
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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
Environmental Disclosure	Product Environmental Profile

Use Better

Materials and Substances

Packaging made with recycled cardboard	Yes
Packaging without single use plastic	No
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)
REACH Regulation	REACH Declaration

Use Again

Repack and remanufacture

End of life manual availability	End of Life Information
Take-back	No