

Product data sheet

Specifications



TeSys F - contactor coil - LX1FL - 500 V AC 40...400 Hz

LX1FL500

⚠ Discontinued on: Aug 15, 2025

⚠ Discontinued

Main

Range	TeSys
Product or component type	Contactor coil
Device short name	LX1FL
Range compatibility	TeSys TeSys F LC1F contactor
Product compatibility	LC1F630 LC1F1250
Control circuit type	AC 40...400 Hz
[Uc] control circuit voltage	500 V AC 40...400 Hz
Inductance of closed circuit	16.5 H
Average resistance	120 Ohm inrush 68 °F (20 °C) 3660 Ohm holding 68 °F (20 °C)
Operating time	100...200 ms opening 40...80 ms closing
Mechanical durability	5 Mcycles
Maximum operating rate	1200 cyc/h 131 °F (55 °C)

Complementary

Coil technology	Without built-in suppressor module
Control circuit voltage limits	Operational 0.85...1.1 Uc 40...400 Hz 131 °F (55 °C)) Drop-out 0.25...0.5 Uc 40...400 Hz 131 °F (55 °C))
Inrush power in VA	1650 VA 40...400 Hz cos phi 0.9 (at 68 °F (20 °C))
Hold-in power consumption in VA	22 VA 40...400 Hz cos phi 0.3 (at 68 °F (20 °C))
Heat dissipation	20 W 40...400 Hz

Environment

Ambient air temperature for operation	23...131 °F (-5...55 °C)
Net weight	3.3 lb(US) (1.5 kg)

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	3.9 in (10.0 cm)
Package 1 Width	4.3 in (11.0 cm)

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 Length	8.9 in (22.5 cm)
Package 1 Weight	3.120 lb(US) (1.415 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.
Environmental Disclosure	Product Environmental Profile

Use Better



Materials and Substances

Packaging made with recycled cardboard	Yes
Packaging without single use plastic	No
SCIP Number	975ba4d0-bc82-40e2-8faa-6f6819f63b0c
EU RoHS Directive	Compliant By Exemption
REACH Regulation	Reference contains Substances of Very High Concern above the threshold

Use Longer



Lifetime extension

Repair	No
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Use Again



Repack and remanufacture

Recyclability potential, in %	95
Circularity Profile	End of Life Information
Take-back	Nej