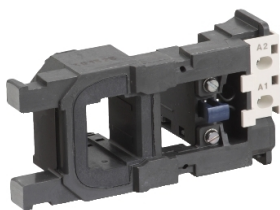


Product data sheet

Specifications



TeSys F - contactor coil - LX4FF - 110 V DC wide range

LX4FF090

⚠ Discontinued on: Dec 31, 2023

⚠ End-of-service on: Mar 28, 2024

⚠ To be discontinued

Main

Range	TeSys
Product or component type	Contactor coil
Device short name	LX4FF
Range compatibility	TeSys TeSys F LC1F contactor
Product compatibility	LC1F150 LC1F115
Control circuit type	DC wide range
[Uc] control circuit voltage	110 V DC
Inductance of closed circuit	121 H
Average resistance	13.2 Ohm inrush 68 °F (20 °C) 1970 Ohm holding 68 °F (20 °C)
Operating time	30...40 ms closing 30...50 ms opening
Mechanical durability	1 Mcycles
Maximum operating rate	60 cyc/h 158 °F (70 °C)

Complementary

Coil technology	Without built-in suppressor module
Control circuit voltage limits	Operational 0.7...1.25 Uc 158 °F (70 °C)) Drop-out 0.2...0.45 Uc 158 °F (70 °C))
Inrush power in W	560 W 68 °F (20 °C))
Hold-in power consumption in W	4.5 W 68 °F (20 °C)

Environment

Ambient air temperature for operation	-67...158 °F (-55...70 °C)
Net weight	0.95 lb(US) (0.43 kg)

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	2.913 in (7.400 cm)
Package 1 Width	4.173 in (10.600 cm)
Package 1 Length	7.087 in (18.000 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 Weight	18.060 oz (512.000 g)
Unit Type of Package 2	S03
Number of Units in Package 2	14
Package 2 Height	11.811 in (30.000 cm)
Package 2 Width	11.811 in (30.000 cm)
Package 2 Length	15.748 in (40.000 cm)
Package 2 Weight	16.810 lb(US) (7.625 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

Environmental Disclosure

[Product Environmental Profile](#)

Use Better



Materials and Substances

Packaging made with recycled cardboard

Yes

Packaging without single use plastic

Yes

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

Use Again



Repack and remanufacture

Circularity Profile

[End of Life Information](#)

Take-back

No