Product datasheet

Specifications

contactor coil - FJ - 90 V DC

LX4FJ090

Discontinued on: 19 May 2023

To be end-of-service on: 31 Dec 2028

Discontinued

Main

Range	TeSys
Product or component type	Contactor coil
Device short name	LX4FJ
Range compatibility	TeSys TeSys F LC1F contactor
Product compatibility	LC1F400
Control circuit type	DC low consumption
[Uc] control circuit voltage	90 V DC
Average resistance	8.03 Ohm inrush at 20 °C 2137 Ohm holding at 20 °C
Operating time	45...60 ms opening 50...60 ms closing

Complementary

Coil technology	Without built-in suppressor module
Control circuit voltage limits	Drop-out: 0.2...0.35 Uc (at 55 °C) Operational: 0.85...1.1 Uc (at 55 °C)

Environment

Ambient air temperature for operation	-5…55 °C

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	10.700 cm
Package 1 Width	13.600 cm
Package 1 Length	20.400 cm
Package 1 Weight	1.164 kg
Unit Type of Package 2	S03
Number of Units in Package 2	6
Package 2 Height	30.000 cm
Package 2 Width	30.000 cm
Package 2 Length	40.000 cm

Package 2 Weight	7.408 kg

Contractual warranty

Warranty (in months)	18

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.**
Environmental Disclosure	**Product Environmental Profile**
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**
SCIP Number	**975ba4d0-bc82-40e2-8faa-6f6819f63b0c**

Use Longer

Lifetime extension

Repair	**No**

Use Again

Repack and remanufacture

Recyclability potential, in %	**95**
End of life manual availability	**End of Life Information**
Take-back	**No**