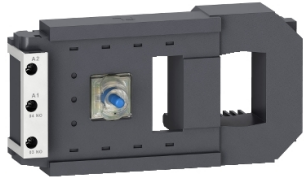


Product data sheet

Specifications



TeSys F - specific contactor coil - 48 V AC 40...400 Hz low consumption

LX9FF048

 To be discontinued on: Dec 31, 2028

 To be discontinued

Main

Range	TeSys
Product or component type	Specific contactor coil
Device short name	LX9FF
Range compatibility	TeSys TeSys F LC1F contactor
Product compatibility	LC1F150 LC1F115
Control circuit type	AC at 40...400 Hz low consumption
[Uc] control circuit voltage	48 V AC 40...400 Hz
Inductance of closed circuit	0.3 H
Average resistance	3.03 Ohm inrush at 20 °C 80.2 Ohm holding at 20 °C
Operating time	130 ms opening 35 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	Operational: 0.85...1.1 Uc (at 55 °C) Drop-out: 0.2...0.55 Uc (at 55 °C)
Inrush power in VA	690...855 VA 40...400 Hz (at 20 °C)
Hold-in power consumption in VA	6.6...8.1 VA 40...400 Hz (at 20 °C)
Heat dissipation	5.9...7.2 W

Environment

Ambient air temperature for operation	-5...55 °C
Product weight	0.43 kg

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	7 cm
Package 1 Width	8.5 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	16 cm
Package 1 Weight	539 g
Unit Type of Package 2	S03
Number of Units in Package 2	14
Package 2 Height	30 cm
Package 2 Width	30 cm
Package 2 Length	40 cm
Package 2 Weight	7.986 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)

Use Again

 Repack and remanufacture	
End of life manual availability	End of Life Information
Take-back	No