

Product datasheet

Specifications



TeSys F - contactor coil - LX4FG - 48 V DC

LX4FG048

⚠ Discontinued on: 30 Sept 2020

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

⚠ Discontinued

Main

Range	TeSys
Product or component type	Contactor coil
Device short name	LX4FG
Range compatibility	TeSys TeSys F LC1F contactor
Product compatibility	LC1F225 LC1F185
Control circuit type	DC low consumption
[Uc] control circuit voltage	48 V DC
Inductance of closed circuit	55.3 H
Average resistance	3.2 Ohm inrush at 20 °C 662 Ohm holding at 20 °C
Operating time	30...40 ms closing 30...50 ms opening
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: 0.15...0.2 Uc (at 55 °C)
Inrush power in W	800 W (at 20 °C)
Hold-in power consumption in W	5 W at 20 °C

Environment

Ambient air temperature for operation	-5...55 °C
Net weight	0.55 kg

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	7.000 cm
Package 1 Width	8.000 cm
Package 1 Length	16.000 cm

Excluding VAT and subject to change. Please check with your local distributor through "Where to buy"

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	564.000 g
Unit Type of Package 2	S03
Number of Units in Package 2	18
Package 2 Height	30 cm
Package 2 Width	30 cm
Package 2 Length	40 cm
Package 2 Weight	10.572 kg
Unit Type of Package 3	P06
Number of Units in Package 3	144
Package 3 Height	75.000 cm
Package 3 Width	80.000 cm
Package 3 Length	60.000 cm
Package 3 Weight	92.576 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.

Use Better



Materials and Substances

Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Yes
EU RoHS Directive	Compliant with Exemptions
SCIP Number	975ba4d0-bc82-40e2-8faa-6f6819f63b0c
REACH Regulation	REACH Declaration

Use Longer



Lifetime extension

Repair	No
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Use Again



Repack and remanufacture

Recyclability potential, in %	95
Take-back	No