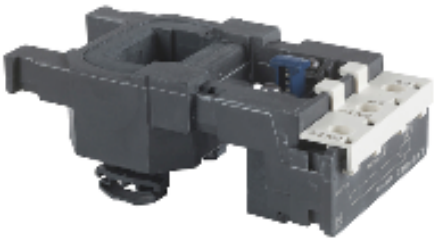
Product data sheet
Characteristics

LX1FF048
TeSys F - contactor coil - LX1FF - 48 V AC 50 Hz



Commercial status
End of Commercialisation : AUG 03, 2021

⚠ End of Commercialisation

Main

Range	TeSys
Product or component type	Contactor coil
Device short name	LX1FF
Range compatibility	TeSys TeSys F LC1F contactor
Product compatibility	LC1F150 LC1F115
Control circuit type	AC at 50 Hz
[Uc] control circuit voltage	48 V AC 50 Hz
Inductance of closed circuit	0.16 H
Average resistance	1.17 Ohm at 20 °C
Operating time	23...35 ms closing 5...15 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	Drop-out: 0.35...0.55 Uc 50/60 Hz (at 55 °C) Operational: 0.85...1.1 Uc 50/60 Hz (at 55 °C)
Inrush power in VA	550 VA 50 Hz cos phi 0.3 (at 20 °C)
Hold-in power consumption in VA	45 VA 50 Hz cos phi 0.3 (at 20 °C)
Heat dissipation	12…16 W at 50 Hz

Environment

Ambient air temperature for operation	-5…55 °C
Net weight	0.43 Kg

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	7.4 Cm
Package 1 Width	10.5 Cm
Package 1 Length	17.6 Cm
Package 1 Weight	506 G

Offer Sustainability

REACh free of SVHC	Yes
Toxic heavy metal free	Yes
Mercury free	Yes
Sustainable packaging	No
Environmental Disclosure	Product Environmental Profile
EU RoHS Directive	Compliant
End of life manual availability	End Of Life Information

Contractual warranty

Warranty (in months)	18

Product Life Status : End of commerc. - Block