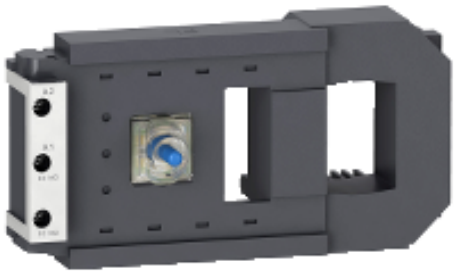
Product data sheet
Characteristics

LX9FF110
TeSys F - specific contactor coil - 110...115 V AC 40...400 Hz low consumption



Main

Range	TeSys
Product or component type	Specific contactor coil
Device short name	LX9FF
Range compatibility	TeSys TeSys F LC1F contactor
Product compatibility	LC1F115 LC1F150
Control circuit type	AC at 40...400 Hz low consumption
[Uc] control circuit voltage	110...115 V AC 40...400 Hz
Inductance of closed circuit	2.08 H
Average resistance	14.8 Ohm inrush at 20 °C 579 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
Net weight	0.43 Kg

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	7.5 Cm
Package 1 Width	10.5 Cm
Package 1 Length	17.7 Cm
Package 1 Weight	531.0 G
Unit Type of Package 2	S03
Number of Units in Package 2	14

Package 2 Height	30.0 Cm
Package 2 Width	30.0 Cm
Package 2 Length	40.0 Cm
Package 2 Weight	7.872 Kg

Offer Sustainability

Recyclability potential, in %	95
Total lifecycle Carbon footprint	70 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	0.9122731131826548
Carbon footprint of the manufacturing phase [A1 to A3]	0.9 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0.049774529084509175
Carbon footprint of the distribution phase [A4]	0 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0.0003999825873412172
Carbon footprint of the installation phase [A5]	0 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	68.82266544572599
Carbon footprint of the use phase [B2, B3, B4, B6]	69 kg CO2 eq.
Mercury free	Yes
Sustainable packaging	Yes
Carbon footprint of the end-of-life phase [C1 to C4]	0.28693227533080673
Carbon footprint of the end-of-life phase [C1 to C4]	0.3 kg CO2 eq.
Environmental Disclosure	Product Environmental Profile
Total lifecycle Carbon footprint	70
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Yes
SCIP Number	975ba4d0-bc82-40e2-8faa-6f6819f63b0c
REACh Regulation	Reference contains Substances of Very High Concern above the threshold
EU RoHS Directive	Compliant By Exemption
End of life manual availability	End Of Life Information
Take-back	No

Contractual warranty

Warranty (in months)	18

Product Life Status : End of commerc. announced