

Product datasheet

Specifications



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

LX9FL924

! To be discontinued on: 31 December 2028

! Discontinued

Main

Range	TeSys
Product or component type	Specific contactor coil
Device short name	LX9FL
Range compatibility	TeSys (TeSys F) LC1F contactor TeSys (TeSys F) DR5TE rectifier
Product compatibility	DR5TE LC1F630
Control circuit type	AC at 40...400 Hz low consumption DC low consumption
[Uc] control circuit voltage	110 V AC 40...400 Hz 110 V DC
Inductance of closed circuit	0.77 H
Average resistance	13.5 Ohm inrush at 20 °C 114 Ohm holding at 20 °C
Operating time	60 ms opening 50 ms closing
Mechanical durability	5 Mcycles
Maximum operating rate	1800 cyc/h 70 °C

Complementary

Coil technology	Without built-in suppressor module
Control circuit voltage limits	Operational: 0.85...1.1 Uc (at 55 °C) Drop-out: 0.25...0.5 Uc (at 55 °C)
Inrush power in VA	830 VA 40...400 Hz (at 20 °C)
Hold-in power consumption in VA	47 VA 40...400 Hz (at 20 °C)
Heat dissipation	22.8...27.8 W

Environment

Ambient air temperature for operation	-5...55 °C
Net weight	1.45 kg

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	9.5 cm
Package 1 Width	11.5 cm
Package 1 Length	22.5 cm
Package 1 Weight	1.492 kg

Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	REACH Declaration
REACH free of SVHC	Yes
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
Toxic heavy metal free	Yes
Mercury free	Yes
China RoHS Regulation	China RoHS declaration
RoHS exemption information	Yes
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End of Life Information

Contractual warranty

Warranty	18 months
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Recommended replacement(s)