

Product datasheet

Specifications



TeSys F - specific contactor coil - 220 V DC low consumption

LX9FL931

To be discontinued on: 31 December 2028

To be 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) DR2S resistor
Product compatibility	DR2SC LC1F630
Control circuit type	AC at 40...400 Hz low consumption DC low consumption
[Uc] control circuit voltage	220...240 V DC
Inductance of closed circuit	3.6 H
Average resistance	64.5 Ohm inrush at 20 °C 518 Ohm holding at 20 °C
Operating time	60 ms opening 20 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: 0.3...0.5 Uc (at 55 °C)
Inrush power in W	733 W (at 20 °C)
Hold-in power consumption in W	48 W 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	10.3 cm
Package 1 Width	11.5 cm
Package 1 Length	22.6 cm
Package 1 Weight	1.478 kg
Unit Type of Package 2	S03
Number of Units in Package 2	6
Package 2 Height	30.0 cm
Package 2 Width	30.0 cm
Package 2 Length	40.0 cm
Package 2 Weight	9.305 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)