Product datasheet

Specifications

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

LX9FL931

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

Contractual warranty

Warranty	18 months

Sustainability

Green Premium^{TM} label is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO_2 products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

Learn more about Green Premium 〉

Guide to assess a product's sustainability 〉

Transparency   RoHS/REACh

Well-being performance

✓ Reach Free Of Svhc

✓ Toxic Heavy Metal Free

✓ Mercury Free

✓ Rohs Exemption Information   Yes

Certifications & Standards

Reach Regulation   REACh Declaration

Eu Rohs Directive   Pro-active compliance (Product out of EU RoHS legal scope)

                                         EU RoHS Declaration

China Rohs Regulation   China RoHS declaration

Environmental Disclosure   Product Environmental Profile

Circularity Profile   End of Life Information