

Product datasheet

Specifications



TeSys F - contactor coil - LX4FK - 110 V DC

LX4FK110

To be discontinued on: 31 December 2028

To be discontinued

Main

Range	TeSys
Product or component type	Contactor coil
Device short name	LX4FK
Range compatibility	TeSys (TeSys F) LC1F contactor
Product compatibility	LC1F500
Control circuit type	DC low consumption
[Uc] control circuit voltage	110 V DC
Inductance of closed circuit	280 H
Average resistance	11.5 Ohm inrush at 20 °C 2450 Ohm holding at 20 °C
Operating time	45...60 ms opening 50...60 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	Drop-out: 0.2...0.35 Uc (at 55 °C) Operational: 0.85...1.1 Uc (at 55 °C)
Inrush power in W	1100 W (at 20 °C)
Hold-in power consumption in W	6 W at 20 °C

Environment

Ambient air temperature for operation	-5...55 °C
Net weight	1.08 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	10.0 cm
Package 1 Length	19.0 cm
Package 1 Weight	1.217 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	7.772 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)