

Product datasheet

Specifications



TeSys F - contactor coil - LX4FX - 110 V DC

LX4FX110

To be discontinued on: 31 December 2028

To be discontinued

Main

Range	TeSys
Product or component type	Contactor coil
Device short name	LX4FX
Range compatibility	TeSys (TeSys F) LC1F contactor
Product compatibility	LC1F780
Control circuit type	DC low consumption
[Uc] control circuit voltage	110 V DC
Inductance of closed circuit	0.26 H
Average resistance	280 Ohm holding at 20 °C 6.1 Ohm inrush at 20 °C
Operating time	100...130 ms opening 70...80 ms closing
Mechanical durability	5 Mcycles
Maximum operating rate	600 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...0.4 Uc (at 55 °C)
Inrush power in W	2000 W (at 20 °C)
Hold-in power consumption in W	42 W at 20 °C

Environment

Ambient air temperature for operation	-5...55 °C
Net weight	3 kg
Quantity per set	Set of 2

Packing Units

Unit Type of Package 1	PCE
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Number of Units in Package 1	1
Package 1 Height	13.5 cm
Package 1 Width	18.0 cm
Package 1 Length	23.5 cm
Package 1 Weight	3.0 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)