Product data sheet
Characteristics

LX1FL110
TeSys F - contactor coil - LX1FL - 110...120 V AC 40...400 Hz



Main

Range	TeSys
Product or component type	Contactor coil
Device short name	LX1FL
Range compatibility	TeSys TeSys F LC1F contactor
Product compatibility	LC1F1250 LC1F630
Control circuit type	AC at 40...400 Hz
[Uc] control circuit voltage	110...120 V AC 40...400 Hz
Inductance of closed circuit	1.85 H
Average resistance	6.45 Ohm inrush at 20 °C 165 Ohm holding at 20 °C
Operating time	100...200 ms opening 40...80 ms closing
Mechanical durability	5 Mcycles
Maximum operating rate	1200 Cyc/H 55 °C

Complementary

Coil technology	Without built-in suppressor module
Control circuit voltage limits	Operational: 0.85...1.1 Uc 40...400 Hz (at 55 °C) Drop-out: 0.25...0.5 Uc 40...400 Hz (at 55 °C)
Inrush power in VA	1650 VA 40...400 Hz cos phi 0.9 (at 20 °C)
Hold-in power consumption in VA	22 VA 40...400 Hz cos phi 0.3 (at 20 °C)
Heat dissipation	20 W at 40...400 Hz

Environment

Ambient air temperature for operation	-5…55 °C
Net weight	1.5 Kg

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	10.0 Cm
Package 1 Width	12.0 Cm
Package 1 Length	22.5 Cm
Package 1 Weight	1.466 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	9.21 Kg

Offer Sustainability

Mercury free	Yes
Sustainable packaging	Yes
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Yes
SCIP Number	975ba4d0-bc82-40e2-8faa-6f6819f63b0c
REACh Regulation	Reference contains Substances of Very High Concern above the threshold
EU RoHS Directive	Compliant By Exemption
Take-back	No

Contractual warranty

Warranty (in months)	18

Product Life Status : Commercialised