Product data sheet
Characteristics

LX1FK415
TeSys F - contactor coil - LX1FK - 415...440V AC 40...400 Hz



Main

Range	TeSys
Product or component type	Contactor coil
Device short name	LX1FK
Range compatibility	TeSys TeSys F LC1F contactor
Product compatibility	LC1F500
Control circuit type	AC at 40...400 Hz
[Uc] control circuit voltage	415 V AC 40...400 Hz
Inductance of closed circuit	18.4 H
Average resistance	143 Ohm inrush at 20 °C 3730 Ohm holding at 20 °C
Operating time	100...170 ms opening 40...75 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	Operational: 0.85...1.1 Uc 40...400 Hz (at 55 °C) Drop-out: 0.3...0.5 Uc 40...400 Hz (at 55 °C)
Inrush power in VA	1100 VA 40...400 Hz cos phi 0.9 (at 20 °C)
Hold-in power consumption in VA	18 VA 40...400 Hz cos phi 0.3 (at 20 °C)
Heat dissipation	18 W at 40...400 Hz

Environment

Ambient air temperature for operation	-5…55 °C
Net weight	1.15 Kg

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	10.6 Cm
Package 1 Width	11.2 Cm
Package 1 Length	22.6 Cm
Package 1 Weight	1.193 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	7.717 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