Product datasheet

Specifications





TeSys F - contactor coil - LX1FK - 240 V AC 40...400 Hz

LX1FK240

! To be discontinued on: 31 Dec 2028

(!) To be discontinued

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 40400 Hz	
[Uc] control circuit voltage	240 V AC 40400 Hz	
Inductance of closed circuit	5.75 H	
Average resistance	44.5 Ohm inrush at 20 °C 1160 Ohm holding at 20 °C	
Operating time	100170 ms opening 4075 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: 0.851.1 Uc 40400 Hz (at 55 °C) Drop-out: 0.30.5 Uc 40400 Hz (at 55 °C)
Inrush power in VA	1100 VA 40400 Hz cos phi 0.9 (at 20 °C)
Hold-in power consumption in VA	18 VA 40400 Hz cos phi 0.3 (at 20 °C)
Heat dissipation	18 W at 40400 Hz

Environment

Ambient air temperature for operation	-555 °C	
net weight	1.15 kg	

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	10.0 cm
Package 1 Width	11.5 cm

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Package 1 Length	22.6 cm
Package 1 Weight	1.232 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	7.841 kg

Contractual warranty

Warranty 18 months



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Transparency RoHS/REACh

Well-being performance

⊘	Reach Free Of Svhc	
Ø	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