Product datasheet
Characteristics

LX9FG110
TeSys F - specific contactor coil - 110...115 V AC 40...400 Hz low consumption



Main

Range	TeSys
Product or component type	Specific contactor coil
Device short name	LX9FG
Range compatibility	TeSys F LC1F contactor
Product compatibility	LC1F185 LC1F225
Control circuit type	AC at 40...400 Hz low consumption
[Uc] control circuit voltage	110...115 V AC 40...400 Hz
Average resistance	10.4 Ohm inrush at 20 °C 411 Ohm holding at 20 °C
Inductance of closed circuit	1.46 H
Operating time	130 ms opening 35 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 (at 55 °C) Drop-out: 0.35...0.55 Uc (at 55 °C)
Inrush power in VA	950…1180 VA 40...400 Hz (at 20 °C)
Hold-in power consumption in VA	8.9…10.9 VA 40...400 Hz (at 20 °C)
Heat dissipation	8…9.8 W

Environment

Ambient air temperature for operation	-5…55 °C
Net weight	0.55 kg

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

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
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	China RoHS declaration
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End of Life Information

Contractual warranty

Warranty	18 months