



Main

Range	TeSys
Product or component type	Specific contactor coil
Device short name	LX9FK
Range compatibility	TeSys F LC1F contactor TeSys F DR5TF rectifier
Product compatibility	DR5TF LC1F500
Control circuit type	AC at 40...400 Hz low consumption DC low consumption
[Uc] control circuit voltage	48 V AC 40...400 Hz 48 V DC
Average resistance	3.73 Ohm inrush at 20 °C 30.7 Ohm holding at 20 °C
Inductance of closed circuit	0.18 H
Operating time	60 ms opening 50 ms closing
Mechanical durability	10 Mcycles
Maximum operating rate	3600 cyc/h 70 °C

Complementary

Coil technology	Without built-in suppressor module
Control circuit voltage limits	Operational: 0.85...1.1 Uc (at 55 °C) Drop-out: 0.3...0.5 Uc (at 55 °C)
Inrush power in VA	550 VA 40...400 Hz (at 20 °C)
Hold-in power consumption in VA	31 VA 40...400 Hz (at 20 °C)
Heat dissipation	15...18.3 W

Environment

Ambient air temperature for operation	-5...55 °C
---------------------------------------	------------

Net weight	1.08 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
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
----------	-----------