Product data sheet
Characteristics

LX9FK931
TeSys F - specific contactor coil - 220...230 V AC 40...400 Hz low consumption



Main

Range	TeSys
Product or component type	Specific contactor coil
Device short name	LX9FK
Range compatibility	TeSys TeSys F LC1F contactor TeSys TeSys F DR5TE rectifier
Product compatibility	LC1F500 DR5TE
Control circuit type	AC at 40...400 Hz low consumption DC low consumption
[Uc] control circuit voltage	220...230 V AC 40...400 Hz 220...230 V DC
Inductance of closed circuit	4 H
Average resistance	89.9 Ohm inrush at 20 °C 770 Ohm holding at 20 °C
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

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	10.2 Cm
Package 1 Width	10.6 Cm
Package 1 Length	22.6 Cm
Package 1 Weight	1.264 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	8.022 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