



Contactor, TeSys K, 4P, 2 NO + 2 NC, AC-1, It or eq to 440V 10A, 230 to 240VAC coil

LC1K090087U7

Discontinued on: Jan 31, 2024

(!) Discontinued

Product availability: Non-Stock - Not normally stocked in distribution facility

Main

Range of Product	TeSys K	
Range	TeSys	
Product or Component Type	Contactor	
Device short name	LC1K	
contactor application	Resistive load	
Utilisation category	AC-1	
poles description	4P	
Pole contact composition	2 NO + 2 NC	
[le] rated operational current	20 A (at <122 °F (50 °C)) at <= 440 V AC AC-1 for power circuit 16 A (at <158 °F (70 °C)) at 690 V AC AC-1 for power circuit	

Complementary

Control circuit type	AC 50/60 Hz
[Uc] control circuit voltage 230240 V AC 50/60 Hz	
Control circuit voltage limits	Operational: 0.851.1 Uc (at <122 °F (50 °C)) Drop-out: 0.20.75 Uc (at <122 °F (50 °C))
[Ui] rated insulation voltage	Power circuit 600 V UL 508 Power circuit 690 V IEC 60947-4-1 Power circuit 600 V CSA C22.2 No 14
[Uimp] rated impulse withstand voltage	8 kV
Overvoltage category	III
Mounting Support	Plate Rail
Standards	EN/IEC 60947-4-1 GB/T 14048.4 UL 60947-4-1 CSA C22.2 No 60947-4-1 JIS C8201-4-1
IP degree of protection	IP2X VDE 0106
Protective treatment	TC IEC 60068 TC DIN 50016
Flame retardance	V1 conforming to UL 94 Requirement 2 conforming to NF F 16-101 Requirement 2 conforming to NF F 16-102
Connections - terminals	Faston terminals 2 2.8 mm Faston terminals 1 6.35 mm

Price is "List Price" and may be subject to a trade discount - check with your local distributor or retailer for actual price.

[Ue] rated operational voltage	Power circuit 690 V AC 50/60 Hz	
[Ith] conventional free air thermal current	20 A (at 122 °F (50 °C)) for power circuit	
Irms rated making capacity	110 A AC for power circuit conforming to NF C 63-110 110 A AC for power circuit conforming to IEC 60947	
Rated breaking capacity	110 A at 415 V conforming to IEC 60947 110 A at 440 V conforming to IEC 60947 80 A at 500 V conforming to IEC 60947 110 A at 220230 V conforming to IEC 60947 110 A at 380400 V conforming to IEC 60947 70 A at 660690 V conforming to IEC 60947	
Associated fuse rating	25 A gG at <= 440 V for power circuit 25 A aM for power circuit	
Average impedance	3 mOhm - Ith 20 A 50 Hz for power circuit	
rush power in VA 30 VA (at 68 °F (20 °C))		
Hold-in power consumption in VA	4.5 VA (at 68 °F (20 °C))	
Heat dissipation	1.3 W	
Operating time	1020 ms coil de-energisation and NO opening 1020 ms coil energisation and NO closing 1525 ms coil de-energisation and NC closing 515 ms coil energisation and NC opening	
Safety reliability level	B10d = 1369863 cycles contactor with nominal load EN/ISO 13849-1 B10d = 20000000 cycles contactor with mechanical load EN/ISO 13849-1	
Mechanical durability	10 Mcycles	
Maximum operating rate	3600 cyc/h	
Height	2.3 in (58 mm)	
Width	1.8 in (45 mm)	
Depth	2.2 in (57 mm)	
Net Weight	0.40 lb(US) (0.18 kg)	

Environment

Product Certifications	CB Scheme CCC UL CSA EAC CE
Ambient Air Temperature for Storage	-58176 °F (-5080 °C)
Operating altitude	6561.68 ft (2000 m) without derating

Ordering and shipping details

Category	US10l1222326	
Discount Schedule	0112	
GTIN	3389118015210	
Returnability	No	
Country of origin	FR	

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1

Package 1 Height	e 1 Height 1.900 in (4.826 cm)	
Package 1 Width	2.400 in (6.096 cm)	
Package 1 Length	2.700 in (6.858 cm)	
Package 1 Weight	6.560 oz (185.975 a)	

Contractual warranty

Warranty 18 months

Sustainability Green Premium*

Green PremiumTM label is Schneider Electric's commitment to delivering products with best-inclass environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO₂ products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

Learn more about Green Premium >

Guide to assess a product's sustainability >





Transparency RoHS/REACh

Well-being performance

②	Reach Free Of Svhc	
⊘	Toxic Heavy Metal Free	
⊘	Mercury Free	
②	Rohs Exemption Information	Yes

Certifications & Standards

Compliant
EU RoHS Declaration
China RoHS declaration Pro-active China RoHS declaration (out of China RoHS legal scope)
Product Environmental Profile
The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.
End of Life Information
WARNING: This product can expose you to chemicals including: Antimony oxide & Antimony trioxide, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov