

Product data sheet

Characteristics

LC1K09008B7TQ

contactor TeSys LC1-K - 4 poles (2NO + 2NC) - AC-1 440V 20 A - coil 24 V AC



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

Price*: 81.00 USD



Main

Product or component type	Contacteur
Device short name	LC1K
Contacteur application	Resistive load

Complementary

Utilisation category	AC-1
Poles description	4P
Pole contact composition	2 NO + 2 NC
[Ue] rated operational voltage	Power circuit <= 690 V AC <= 400 Hz
[Ie] rated operational current	20 A 122 °F (50 °C)) AC AC-1 power circuit
Auxiliary contact composition	2 NO + 2 NC
[Uimp] rated impulse withstand voltage	8 KV
[Ith] conventional free air thermal current	10 A 122 °F (50 °C) control circuit 20 A 122 °F (50 °C) power circuit
Irms rated making capacity	110 A 690 V AC control circuit IEC 60947 110 A 690 V AC power circuit IEC 60947 110 A 690 V AC power circuit NF C 63-110
Rated breaking capacity	110 A 440 V power circuit IEC 60947 110 A 440 V power circuit NF C 63-110 70 A 660...690 V power circuit IEC 60947 70 A 660...690 V power circuit NF C 63-110 80 A 500 V power circuit IEC 60947 80 A 500 V power circuit NF C 63-110 110 A 220...230 V power circuit IEC 60947 110 A 220...230 V power circuit NF C 63-110 110 A 380...400 V power circuit IEC 60947 110 A 380...400 V power circuit NF C 63-110 110 A 415 V power circuit IEC 60947 110 A 415 V power circuit NF C 63-110
Associated fuse rating	10 A gG control circuit IEC 60947 10 A gG control circuit VDE 0660 25 A gG <= 440 V power circuit
Average impedance	3 MOhm - Ith 20 A 50 Hz power circuit

[Ui] rated insulation voltage	Control circuit 690 V BS 5424 Control circuit 690 V IEC 60947 Power circuit 690 V BS 5424 Power circuit 690 V IEC 60947 Power circuit 690 V NF C 20-040 Control circuit 750 V VDE 0110 group C Power circuit 750 V VDE 0110 group C Control circuit 600 V CSA C22.2 No 14 Power circuit 600 V UL 508 CSA C22.2 No 14
Insulation resistance	> 10 MOhm control circuit
Inrush power in VA	30 VA 68 °F (20 °C))
Hold-in power consumption in VA	4.5 VA 50/60 Hz 68 °F (20 °C))
Control circuit voltage limits	Drop-out $\geq 0.20 U_c$ 50/60 Hz 122 °F (50 °C)) Operational 0.8...1.15 U_c 50/60 Hz 122 °F (50 °C))
Maximum operating rate	3600 Cyc/H
Coil technology	Without built-in bidirectional peak limiting diode suppressor
Minimum switching current	5 MA control circuit
Minimum switching voltage	17 V control circuit
Mounting support	Rail Plate
Operating time	10...20 ms coil de-energisation and NO opening 15...25 ms coil de-energisation and NC opening 10...20 ms between energisation of coil and closing of NO contact 5...15 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	10000000 Cycles
Maximum Height	2.28 In (58 mm)
Width	1.77 In (45 mm)
Depth	2.24 In (57 mm)
Net weight	0.40 Lb(US) (0.18 kg)

Environment

Product certifications	GOST CSA UL
Ambient air temperature for storage	-58...176 °F (-50...80 °C)
Operating altitude	6561.68 ft (2000 m) without derating
Fire resistance	1562 °F (850 °C) IEC 60695-2-1
Flame retardance	Class C2 NF F 16-101 Class C2 NF F 16-102 V1 UL 94

Ordering and shipping details

Category	22326 - CTR,K-LINE,AC,OPEN,NONREV
Discount Schedule	I12
GTIN	03389110488777
Nbr. of units in pkg.	30
Package weight(Lbs)	0.01 Lb(US) (0.00 kg)
Returnability	No
Country of origin	FR

Packing Units

Unit Type of Package 1	PCE
Package 1 Height	2.76 In (7 cm)
Package 1 width	11.42 In (29 cm)
Package 1 Length	11.61 In (29.5 cm)

Offer Sustainability

Sustainable offer status	Green Premium product
California proposition 65	WARNING: This product can expose you to chemicals including: Antimony oxide & Antimony trioxide which is known to the State of California to cause Carcinogen harm. For more information go to www.p65warnings.ca.gov
REACH free of SVHC	Yes
EU RoHS Directive	Compliant 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
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.

Contractual warranty

Warranty	18 months
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Product Life Status : **Commercialised**