





Main

Range	TeSys
Product name	TeSys SK
Product or component type	Mini contactor
Device short name	LC1SKGC
Contactor application	Motor control Resistive load
Utilisation category	AC-1 AC-3
Power pole contact composition	2P
Pole contact composition	2 NO
[Ue] rated operational voltage	Power circuit 690 V AC 50/60 Hz
[Ie] rated operational current	5 A <= 400 V AC AC-3 20 A 122 °F (50 °C)) AC AC-1
Control circuit type	AC at 50/60 Hz
[Uc] control circuit voltage	220 V AC 50/60 Hz
[Ith] conventional free air thermal current	20 A 131 °F (55 °C) power circuit
Irms rated making capacity	50 A AC NF C 63-110 50 A AC IEC 60947
Rated breaking capacity	40 A <= 400 V NF C 63-110 40 A <= 400 V IEC 60947
[Icw] rated short-time withstand current	40 A 131 °F (55 °C) power circuit
Associated fuse rating	20 A gl <= 440 V power circuit
Average impedance	4 mOhm - Ith 20 A 50 Hz power circuit
[Ui] rated insulation voltage	Power circuit 690 V BS 5424 Power circuit 690 V IEC 60947 Power circuit 690 V UL 508 Power circuit 690 V VDE 0110 group C Power circuit 690 V CSA C22.2 No 14
Mounting support	Rail
Standards	NF C 63-110 BS 5424 VDE 0660 IEC 60947
Product certifications	CULus
Connections - terminals	Connector 1 0.00...0.01 in ² (1.5...6 mm ²)solid Connector 2 0.00...0.01 in ² (1.5...4 mm ²)solid Connector 1 0.00...0.01 in ² (0.5...6 mm ²)flexible without cable end Connector 2 0.00...0.00 in ² (0.35...2.5 mm ²)flexible without cable end Connector 1 0.00...0.01 in ² (0.35...6 mm ²)flexible with cable end Connector 2 0.00...0.00 in ² (0.35...1.5 mm ²)flexible with cable end
Tightening torque	Power circuit 7.08 lbf.in (0.8 N.m) connector pozidriv No 1
Operating time	6...8 ms coil de-energisation and NO opening 7...14 ms coil energisation and NO closing
Mechanical durability	10 Mcycles
Maximum operating rate	1200 cyc/h

Complementary

Control circuit voltage limits	Operational 0.85...1.1 Uc 50/60 Hz 131 °F (55 °C)) Drop-out 0.2...0.75 Uc 50/60 Hz 131 °F (55 °C))
Inrush power in VA	16 VA 50/60 Hz 68 °F (20 °C))
Hold-in power consumption in VA	4.2 VA 50/60 Hz 68 °F (20 °C))
Heat dissipation	1.4 W 50/60 Hz

Environment

IP degree of protection	IP2x VDE 0106
Protective treatment	TC conforming to IEC 60068 TC DIN 50015
Ambient air temperature for operation	-4...122 °F (-20...50 °C)
Ambient air temperature for storage	-58...158 °F (-50...70 °C)
Operating altitude	2000 m without derating
Height	2.20 in (56 mm)
Width	1.06 in (27 mm)
Depth	2.19 in (55.5 mm)
Net weight	0.29 lb(US) (0.132 kg)

Ordering and shipping details

Category	22326 - CTR,K-LINE,AC,OPEN,NONREV
Discount Schedule	I12
GTIN	03389110563047
Nbr. of units in pkg.	1
Package weight(Lbs)	0.26 lb(US) (0.12 kg)
Returnability	No
Country of origin	CZ

Packing Units

Unit Type of Package 1	PCE
Package 1 Height	1.38 in (3.5 cm)
Package 1 width	2.36 in (6 cm)
Package 1 Length	2.56 in (6.5 cm)
Unit Type of Package 2	S01
Number of Units in Package 2	40
Package 2 Weight	11.03 lb(US) (5.002 kg)
Package 2 Height	5.91 in (15 cm)
Package 2 width	5.91 in (15 cm)
Package 2 Length	15.75 in (40 cm)

Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	 REACH Declaration
REACH free of SVHC	Yes
EU RoHS Directive	Compliant  EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	 Yes
China RoHS Regulation	 China RoHS Declaration
Environmental Disclosure	 Product Environmental Profile
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
----------	-----------