Product data sheet
Characteristics

LC1SK0600B7
TeSys SK mini contactor - 2P (2 NO) - AC-3 - 690 V 6 A - 24 V AC coil

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

Green Premium™

Price* : 122.40 USD



Main

Range	TeSys
Product name	TeSys SK
Product or Component Type	Mini contactor
Device short name	LC1SK
Contactor application	Resistive load Motor control
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	6 A<= 440 V AC AC-3 12 A 131 °F (55 °C)) AC AC-1
Motor power kW	1.1 kW 220...230 V AC 50/60 Hz 2.2 kW 380...415 V AC 50/60 Hz 2.2 kW 660...690 V AC 50/60 Hz
Control circuit type	AC 50/60 Hz
[Uc] control circuit voltage	24 V AC 50/60 Hz
[Ith] conventional free air thermal current	12 A 131 °F (55 °C) power circuit
Irms rated making capacity	66 A 690 V AC IEC 60947 66 A 690 V AC NF C 63-110
Rated breaking capacity	52 A <= 400 V power circuit NF C 63-110 52 A <= 400 V power circuit IEC 60947
[Icw] rated short-time withstand current	50 A 131 °F (55 °C) power circuit
Associated fuse rating	16 A gI <= 440 V power circuit IEC 60947
Average impedance	4 mOhm - Ith 12 A 50 Hz
[Ui] rated insulation voltage	690 V IEC 60947

* Price is “List Price” and may be subject to a trade discount – check with your local distributor or retailer for actual price.

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

	690 V VDE 0110 group C 690 V BS 5424 690 V UL 508 690 V CSA C22.2 No 14
Mounting Support	Rail
Standards	VDE 0660 BS 5424 IEC 60947 NF C 63-110
Product Certifications	CULus
Connections - terminals	Power circuit connector 1 0.00…0.01 in² (0.35…6 mm²)flexible with cable end Power circuit connector 1 0.00…0.01 in² (0.5…6 mm²)flexible without cable end Power circuit connector 1 0.00…0.01 in² (1.5…6 mm²)solid Power circuit connector 2 0.00…0.00 in² (0.35…1.5 mm²)flexible with cable end Power circuit connector 2 0.00…0.00 in² (0.35…2.5 mm²)flexible without cable end Power circuit connector 2 0.00…0.01 in² (1.5…4 mm²)solid
Tightening torque	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 122 °F (50 °C)) Drop-out 0.2...0.75 Uc 122 °F (50 °C))
Inrush power in VA	16 VA 68 °F (20 °C))
Hold-in power consumption in VA	4.2 VA 68 °F (20 °C))
Heat dissipation	1.4 W 50/60 Hz

Environment

IP degree of protection	IP2x conforming to VDE 0106
Protective treatment	TC 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	6561.68 ft (2000 m) without derating
Maximum Height	2.20 in (56 mm)
Maximum Width	1.06 in (27 mm)
Maximum 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	03389110563849
Nbr. of units in pkg.	1
Package weight(Lbs)	4.15 oz (117.65 g)
Returnability	No
Country of origin	CZ

Packing Units

Unit Type of Package 1	PCE
Package 1 Height	1.30 in (3.3 cm)
Package 1 width	2.32 in (5.9 cm)
Package 1 Length	2.64 in (6.7 cm)

Unit Type of Package 2	S01
Number of Units in Package 2	40
Package 2 Weight	10.83 lb(US) (4.914 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
EU RoHS Directive	Compliant EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	China RoHS declaration Product out of China RoHS scope. Substance declaration for your information.
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