Product data sheet

Specification





TeSys SK mini contactor - 2P (2 NO) - AC-3 - 690 V 5 A - 120 V AC coil

LC1SKGC200G7

! Discontinued on: Jul 12, 2021

! Discontinued

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

Main

Range	TeSys	
Product name	TeSys SK	
Product or Component Type	Mini contactor	
Device short name	LC1SKGC	
contactor application	Resistive load Motor control	
Utilisation category	AC-3 AC-1	
power pole contact composition	2P	
Pole contact composition	2 NO	
[le] rated operational current	5 A at <= 400 V AC AC-3 20 A (at <122.0000000000 °F (50 °C)) AC AC-1	
[Ue] rated operational voltage	Power circuit 690 V AC 50/60 Hz	

Complementary

Control circuit type	AC 50/60 Hz	
[Uc] control circuit voltage	120 V AC 50/60 Hz	
[Ith] conventional free air thermal current	20 A (at 131 °F (55 °C)) for power circuit	
Irms rated making capacity	50 A AC conforming to NF C 63-110 50 A AC conforming to IEC 60947	
Rated breaking capacity	40 A at <= 400 V conforming to NF C 63-110 40 A at <= 400 V conforming to IEC 60947	
[Icw] rated short-time withstand current	40 A 131.0000000000 °F (55 °C) for power circuit	
Associated fuse rating	20 A gl at <= 440 V for power circuit	
Average impedance	4 mOhm - Ith 20 A 50 Hz for 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	EN/IEC 60947-4-1 UL 60947-4-1 CSA C22.2 No 60947-4-1	

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

 Jul 30, 2024
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Product Certifications	CB Scheme CE UKCA EAC cULus	
Connections - terminals	connector 1 0.0020.009 in² (1.56 mm²)solid connector 2 0.0020.006 in² (1.54 mm²)solid connector 1 0.00080.009 in² (0.56 mm²)flexible without cable end connector 2 0.00050.004 in² (0.352.5 mm²)flexible without cable end connector 1 0.00050.009 in² (0.356 mm²)flexible with cable end connector 2 0.00050.002 in² (0.351.5 mm²)flexible with cable end	
Tightening torque	Power circuit 7.08 lbf.in (0.8 N.m) connector pozidriv No 1	
Operating time	68 ms coil de-energisation and NO opening 714 ms coil energisation and NO closing	
Mechanical durability	10 Mcycles	
Maximum operating rate	1200 cyc/h	
Control circuit voltage limits	Operational: 0.851.1 Uc at 50/60 Hz (at <131.0000000000 °F (55 °C)) Drop-out: 0.20.75 Uc at 50/60 Hz (at <131.0000000000 °F (55 °C))	
Inrush power in VA	16 VA 50/60 Hz (at 68.00000000000 °F (20 °C))	
Hold-in power consumption in VA	4.2 VA 50/60 Hz (at 68.00000000000 °F (20 °C))	
Heat dissipation	1.4 W 50/60 Hz	

Environment

IP degree of protection	IP2X VDE 0106	
Protective treatment	TC IEC 60068 TC DIN 50015	
Ambient Air Temperature for Operation	-4122 °F (-2050 °C)	
Ambient Air Temperature for Storage	-58158 °F (-5070 °C)	
Operating altitude	6561.68 ft (2000 m) without derating	
Height	2.2 in (56 mm)	
Width	1.06 in (27 mm)	
Depth	2.2 in (55.5 mm)	
Net Weight	0.291 lb(US) (0.132 kg)	

Ordering and shipping details

Category	US10l1222326
Discount Schedule	0112
GTIN	3389110563030
Returnability	No
Country of origin	CZ

Packing Units

Unit Type of Package 1	PCE	
Number of Units in Package 1	1	
Package 1 Height	2.6 in (6.7 cm)	
Package 1 Width	2.3 in (5.9 cm)	
Package 1 Length	1.3 in (3.3 cm)	

Package 1 Weight

4.7 oz (132 g)

Contractual warranty

Warranty

18 months

Sustainability Green Premium*

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

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Guide to assess a product's sustainability >





Transparency RoHS/REACh

Well-being performance



Mercury Free



Rohs Exemption Information

Yes

Certifications & Standards

Eu Rohs Directive	Compliant
	EU RoHS Declaration
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.