Product data sheet

Specifications

Green Premium™

TeSys SK mini contactor - 2P (2 NO) - AC-3 - 690 V 5 A - 110 V AC coil

LC1SKGC200F7

Discontinued on: Dec 31, 2023

Discontinued

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
[Ie] Rated Operational Current	5 A at <= 400 V AC AC-3 20 A (at <122 °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	110 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 °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.

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

Product Certifications	CB Scheme CE UKCA EAC cULus
Connections - Terminals	connector 1 0.00…0.01 in² (1.5…6 mm²)solid connector 2 0.00…0.01 in² (1.5…4 mm²)solid connector 1 0.00…0.01 in² (0.5…6 mm²)flexible without cable end connector 2 0.00…0.00 in² (0.35…2.5 mm²)flexible without cable end connector 1 0.00…0.01 in² (0.35…6 mm²)flexible with cable end connector 2 0.00…0.00 in² (0.35…1.5 mm²)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
Control Circuit Voltage Limits	Operational: 0.85...1.1 Uc at 50/60 Hz (at <131 °F (55 °C)) Drop-out: 0.2...0.75 Uc at 50/60 Hz (at <131 °F (55 °C))
Inrush Power In Va	16 VA 50/60 Hz (at 68 °F (20 °C))
Hold-In Power Consumption In Va	4.2 VA 50/60 Hz (at 68 °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	-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
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	18400-WORLD SERVICE PARTS(CONTACTORS)
Discount Schedule	CP10
Gtin	3389110563023
Returnability	No

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	1.30 in (3.3 cm)
Package 1 Width	2.64 in (6.7 cm)
Package 1 Length	2.32 in (5.9 cm)
Package 1 Weight	4.23 oz (120.0 g)

Unit Type Of Package 2	S01
Number Of Units In Package 2	40
Package 2 Height	5.91 in (15.0 cm)
Package 2 Width	5.91 in (15.0 cm)
Package 2 Length	15.75 in (40.0 cm)
Package 2 Weight	11.08 lb(US) (5.025 kg)

Contractual warranty

Warranty	18 months

Sustainability

Green Premium™ label is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO_2 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

Mercury Free

Rohs Exemption Information Yes

Certifications & Standards

Reach Regulation	REACh Declaration
Eu Rohs Directive	Compliant with Exemptions
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.
Circularity Profile	End of Life Information