Product datasheet

Specifications

Green Premium™

TeSys SK mini contactor - 2P (2 NO) - AC-3 - 690 V 5 A - 230 V AC coil

LC1SKGC200P7

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-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 <50 °C) AC AC-1
[Ue] Rated Operational Voltage	Power circuit: 690 V AC 50/60 Hz

Complementary

Control Circuit Type	AC at 50/60 Hz
[Uc] Control Circuit Voltage	230 V AC 50/60 Hz
[Ith] Conventional Free Air Thermal Current	20 A (at 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 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 conforming to BS 5424 Power circuit: 690 V conforming to IEC 60947 Power circuit: 690 V conforming to UL 508 Power circuit: 690 V conforming to VDE 0110 group C Power circuit: 690 V conforming to 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

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 cable(s) 1.5…6 mm²solid Connector 2 cable(s) 1.5…4 mm²solid Connector 1 cable(s) 0.5…6 mm²flexible without cable end Connector 2 cable(s) 0.35…2.5 mm²flexible without cable end Connector 1 cable(s) 0.35…6 mm²flexible with cable end Connector 2 cable(s) 0.35…1.5 mm²flexible with cable end
Tightening Torque	Power circuit: 0.8 N.m - on connector - with screwdriver 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 <55 °C) Drop-out: 0.2...0.75 Uc at 50/60 Hz (at <55 °C)
Inrush Power In Va	16 VA 50/60 Hz (at 20 °C)
Hold-In Power Consumption In Va	4.2 VA 50/60 Hz (at 20 °C)
Heat Dissipation	1.4 W at 50/60 Hz

Environment

Ip Degree Of Protection	IP2X conforming to VDE 0106
Protective Treatment	TC conforming to IEC 60068 TC conforming to DIN 50015
Ambient Air Temperature For Operation	-20…50 °C
Ambient Air Temperature For Storage	-50…70 °C
Operating Altitude	2000 m without derating
Height	56 mm
Width	27 mm
Depth	55.5 mm
Net Weight	0.132 kg

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	3.500 cm
Package 1 Width	6.000 cm
Package 1 Length	6.500 cm
Package 1 Weight	128.000 g
Unit Type Of Package 2	S01
Number Of Units In Package 2	40
Package 2 Height	15.000 cm
Package 2 Width	15.000 cm
Package 2 Length	40.000 cm
Package 2 Weight	5.286 kg

Unit Type Of Package 3	P06
Number Of Units In Package 3	1280
Package 3 Height	75.000 cm
Package 3 Width	80.000 cm
Package 3 Length	60.000 cm
Package 3 Weight	177.152 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