

# Mini contactor, TeSys SK, 2P(2NO), AC-3, 690V 5A, 230V 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
[le] 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	
[lcw] 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	

Product certifications	CB Scheme CE UKCA EAC cULus	
Connections - terminals	Connector 1 cable(s) 1.56 mm²solid Connector 2 cable(s) 1.54 mm²solid Connector 1 cable(s) 0.56 mm²flexible without cable end Connector 2 cable(s) 0.352.5 mm²flexible without cable end Connector 1 cable(s) 0.356 mm²flexible with cable end Connector 2 cable(s) 0.351.5 mm²flexible with cable end	
Tightening torque	Power circuit: 0.8 N.m - on connector - with screwdriver 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 <55 °C) Drop-out: 0.20.75 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	-2050 °C	
Ambient air temperature for storage	-5070 °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	3.400 cm
Package 1 Width	6.000 cm
Package 1 Length	7.000 cm
Package 1 Weight	127.000 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	5.257 kg

# **Contractual warranty**

Warranty

18 months



Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing "Use Better, Use Longer, Use Again" campaign to extend product lifetimes and recyclability.

#### Environmental Data explained >

How we assess product sustainability >

☑ Environmental footprint	
Carbon footprint (kg.eq.CO2 per CR, Total Life cycle)	53
Environmental Disclosure	Product Environmental Profile

### **Use Better**

Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Yes
EU RoHS Directive	Compliant with Exemptions
SCIP Number	C39a7e5e-6a28-4540-b3bb-b5a727bdce6a
REACh Regulation	REACh Declaration

### **Use Again**

○ Repack and remanufacture	
Circularity Profile	End of Life Information
Take-back	No
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins