

# Product data sheet

Specifications



## Mini contactor, TeSys SK, 2P(2NO), AC-3, 690V 6A, 220V AC coil

LC1SK0600M7

### Main

Range	TeSys
Product Name	TeSys SK
Product Or Component Type	Mini contactor
Device Short Name	LC1SK
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	6 A at <= 440 V AC AC-3 12 A (at <55 °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	220 V AC 50/60 Hz
[Ith] Conventional Free Air Thermal Current	12 A (at 55 °C) for power circuit
Irms Rated Making Capacity	66 A at 690 V AC conforming to IEC 60947 66 A at 690 V AC conforming to NF C 63-110
Rated Breaking Capacity	52 A at <= 400 V for power circuit conforming to NF C 63-110 52 A at <= 400 V for power circuit conforming to IEC 60947
[Icw] Rated Short-Time Withstand Current	50 A 55 °C for power circuit
Associated Fuse Rating	16 A gl at <= 440 V for power circuit conforming to IEC 60947
Average Impedance	4 mOhm - Ith 12 A 50 Hz
[Ui] Rated Insulation Voltage	690 V conforming to IEC 60947 690 V conforming to VDE 0110 group C 690 V conforming to BS 5424 690 V conforming to UL 508 690 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	Power circuit: connector 1 cable(s) 0.35...6 mm²flexible with cable end Power circuit: connector 1 cable(s) 0.5...6 mm²flexible without cable end Power circuit: connector 1 cable(s) 1.5...6 mm²solid Power circuit: connector 2 cable(s) 0.35...1.5 mm²flexible with cable end Power circuit: connector 2 cable(s) 0.35...2.5 mm²flexible without cable end Power circuit: connector 2 cable(s) 1.5...4 mm²solid
Tightening Torque	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 °C) Drop-out: 0.2...0.75 Uc (at <50 °C)
Inrush Power In Va	16 VA (at 20 °C)
Hold-In Power Consumption In Va	4.2 VA (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	119.000 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	4.917 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	165.344 kg

## Contractual warranty

Warranty	18 months
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## 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<sub>2</sub> 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	<a href="#">REACH Declaration</a>
Eu Rohs Directive	Compliant with Exemptions
China Rohs Regulation	<a href="#">China RoHS declaration</a> Product out of China RoHS scope. Substance declaration for your information
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
Weee	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
Circularity Profile	<a href="#">End of Life Information</a>