# **Product data sheet**

Specifications





## Mini contactor, TeSys SK, 2P(2NO), AC-3, 690V 6A, 230V AC coil

LC1SK0600P7

! Discontinued

#### Main

Range	TeSys
Product Name	TeSys SK
Product Or Component Type	Mini contactor
Device Short Name	LC1SK
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	6 A at <= 440 V AC AC-3 12 A (at <131 °F (55 °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	230 V AC 50/60 Hz
[Ith] Conventional Free Air Thermal Current	12 A (at 131 °F (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 131 °F (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 IEC 60947 690 V VDE 0110 group C 690 V BS 5424 690 V UL 508 690 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.

Product Certifications	CB Scheme CE UKCA EAC cULus	
Connections - Terminals	Power circuit connector 1 0.000.01 in² (0.356 mm²)flexible with cable end Power circuit connector 1 0.000.01 in² (0.56 mm²)flexible without cable end Power circuit connector 1 0.000.01 in² (1.56 mm²)solid Power circuit connector 2 0.000.00 in² (0.351.5 mm²)flexible with cable end Power circuit connector 2 0.000.00 in² (0.352.5 mm²)flexible without cable end Power circuit connector 2 0.000.01 in² (1.54 mm²)solid	
Tightening Torque	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 <122 °F (50 °C)) Drop-out: 0.20.75 Uc (at <122 °F (50 °C))	
Inrush Power In Va	16 VA (at 68 °F (20 °C))	
Hold-In Power Consumption In Va	4.2 VA (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	-4122 °F (-2050 °C)
Ambient Air Temperature For Storage	-58158 °F (-5070 °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	3389110563894	
Returnability	No	

# Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	1.38 in (3.500 cm)
Package 1 Width	2.36 in (6.000 cm)
Package 1 Length	2.56 in (6.500 cm)
Package 1 Weight	4.44 oz (126.000 g)

Unit Type Of Package 2	S01
Number Of Units In Package 2	40
Package 2 Height	5.91 in (15.000 cm)
Package 2 Width	5.91 in (15.000 cm)
Package 2 Length	15.75 in (40.000 cm)
Package 2 Weight	11.46 lb(US) (5.199 kg)
Unit Type Of Package 3	P06
Number Of Units In Package 3	1280
Package 3 Height	29.53 in (75.000 cm)
Package 3 Width	31.50 in (80.000 cm)
Package 3 Length	23.62 in (60.000 cm)
Package 3 Weight	384.42 lb(US) (174.368 kg)

## **Contractual warranty**

Warranty 18 months

## Sustainability Green Premium

**Green Premium**<sup>TM</sup> **label** is Schneider Electric's commitment to delivering products with best-inclass 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	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

Apr 25, 2024