

# Product data sheet

Specifications



## TeSys SK mini contactor - 4P (4 NO) - AC-1 - 690 V 20 A - 400 V AC coil

LC1SKGC400V7

⚠ Discontinued on: Jul 12, 2021

⚠ Discontinued

### Main

Range	TeSys
Product name	TeSys SK
Product or Component Type	Mini contactor
Device short name	LC1SKGC
Contactor application	Resistive load
Utilisation category	AC-1
power pole contact composition	4P
Pole contact composition	4 NO
[Ie] rated operational current	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	400 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	85 A AC conforming to NF C 63-110 85 A AC conforming to IEC 60947
Rated breaking capacity	68 A at <= 400 V conforming to NF C 63-110 68 A at <= 400 V conforming to IEC 60947
[Icw] rated short-time withstand current	60 A 131 °F (55 °C) for power circuit
Associated fuse rating	20 A gI 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 Panel
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

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

<b>Connections - terminals</b>	connector 1 0.002...0.009 in <sup>2</sup> (1.5...6 mm <sup>2</sup> )solid connector 2 0.002...0.006 in <sup>2</sup> (1.5...4 mm <sup>2</sup> )solid connector 1 0.0008...0.009 in <sup>2</sup> (0.5...6 mm <sup>2</sup> )flexible without cable end connector 2 0.0005...0.004 in <sup>2</sup> (0.35...2.5 mm <sup>2</sup> )flexible without cable end connector 1 0.0005...0.009 in <sup>2</sup> (0.35...6 mm <sup>2</sup> )flexible with cable end connector 2 0.0005...0.002 in <sup>2</sup> (0.35...1.5 mm <sup>2</sup> )flexible with cable end
<b>Tightening torque</b>	Power circuit 7.08 lbf.in (0.8 N.m) connector pozidriv No 1
<b>Operating time</b>	6...8 ms coil de-energisation and NO opening 7...14 ms coil energisation and NO closing
<b>Mechanical durability</b>	10 Mcycles
<b>Maximum operating rate</b>	1200 cyc/h
<b>Control circuit voltage limits</b>	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))
<b>Inrush power in VA</b>	23 VA 50/60 Hz (at 68 °F (20 °C))
<b>Hold-in power consumption in VA</b>	4.9 VA 50/60 Hz (at 68 °F (20 °C))
<b>Heat dissipation</b>	1.5 W 50/60 Hz

## Environment

<b>IP degree of protection</b>	IP2X VDE 0106
<b>Protective treatment</b>	TC IEC 60068 TC DIN 50015
<b>Ambient Air Temperature for Operation</b>	-4...122 °F (-20...50 °C)
<b>Ambient Air Temperature for Storage</b>	-58...158 °F (-50...70 °C)
<b>Operating altitude</b>	6561.68 ft (2000 m) without derating
<b>Height</b>	2.3 in (58 mm)
<b>Width</b>	1.8 in (45 mm)
<b>Depth</b>	2.2 in (56 mm)
<b>Net Weight</b>	0.386 lb(US) (0.175 kg)

## Ordering and shipping details

<b>Category</b>	18400-WORLD SERVICE PARTS(CONTACTORS)
<b>Discount Schedule</b>	CP10
<b>GTIN</b>	3389110563832
<b>Returnability</b>	No

## Packing Units

<b>Unit Type of Package 1</b>	PCE
<b>Nbr. of units in pkg.</b>	1
<b>Package 1 Height</b>	2.5 in (6.4 cm)
<b>Package 1 Width</b>	2.4 in (6 cm)
<b>Package 1 Length</b>	1.9 in (4.8 cm)
<b>Package weight(Lbs)</b>	6.2 oz (175 g)

## Contractual warranty

<b>Warranty (in months)</b>	18
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## Environmental Data

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 >](#)

### Use Better



#### Materials and Substances

[EU RoHS Directive](#)

Compliant

### Use Longer



#### Lifetime extension

Repair

No

### Use Again



#### Repack and remanufacture

WEEE Label



The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.