

# Product datasheet

Specifications



## TeSys SK mini contactor - 2P (2 NO) - AC-3 - 690 V 5 A - 240 V AC coil

Local distributor code: 384179835 LC1SKGC200U7

EAN Code : 3389110563085

### Main

Range	TeSys
Product name	TeSys SK
Product or component type	Mini contactor
Device short name	LC1SKGC
Contactor application	Motor control Resistive load
Utilisation category	AC-3 AC-1
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	240 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

<b>Product certifications</b>	CB Scheme CE UKCA EAC cULus
<b>Connections - terminals</b>	Connector 1 cable(s) 1.5...6 mm <sup>2</sup> solid Connector 2 cable(s) 1.5...4 mm <sup>2</sup> solid Connector 1 cable(s) 0.5...6 mm <sup>2</sup> flexible without cable end Connector 2 cable(s) 0.35...2.5 mm <sup>2</sup> flexible without cable end Connector 1 cable(s) 0.35...6 mm <sup>2</sup> flexible with cable end Connector 2 cable(s) 0.35...1.5 mm <sup>2</sup> flexible with cable end
<b>Tightening torque</b>	Power circuit: 0.8 N.m - on connector - with screwdriver 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 <55 °C) Drop-out: 0.2...0.75 Uc at 50/60 Hz (at <55 °C)
<b>Inrush power in VA</b>	16 VA 50/60 Hz (at 20 °C)
<b>Hold-in power consumption in VA</b>	4.2 VA 50/60 Hz (at 20 °C)
<b>Heat dissipation</b>	1.4 W at 50/60 Hz

## Environment

<b>IP degree of protection</b>	IP2X conforming to VDE 0106
<b>Protective treatment</b>	TC conforming to IEC 60068 TC conforming to DIN 50015
<b>Ambient air temperature for operation</b>	-20...50 °C
<b>Ambient air temperature for storage</b>	-50...70 °C
<b>Operating altitude</b>	2000 m without derating
<b>Height</b>	56 mm
<b>Width</b>	27 mm
<b>Depth</b>	55.5 mm
<b>Net weight</b>	0.132 kg

## Packing Units

<b>Unit Type of Package 1</b>	PCE
<b>Number of Units in Package 1</b>	1
<b>Package 1 Height</b>	3.2 cm
<b>Package 1 Width</b>	6 cm
<b>Package 1 Length</b>	6.7 cm
<b>Package 1 Weight</b>	129 g
<b>Unit Type of Package 2</b>	S02
<b>Number of Units in Package 2</b>	40
<b>Package 2 Height</b>	15 cm
<b>Package 2 Width</b>	30 cm
<b>Package 2 Length</b>	40 cm
<b>Package 2 Weight</b>	5.194 kg
<b>Unit Type of Package 3</b>	P06

<b>Number of Units in Package 3</b>	1280
<b>Package 3 Height</b>	75 cm
<b>Package 3 Width</b>	60 cm
<b>Package 3 Length</b>	80 cm
<b>Package 3 Weight</b>	176.2 kg

## Offer Sustainability

<b>Sustainable offer status</b>	Green Premium product
<b>REACH Regulation</b>	<a href="#">REACH Declaration</a>
<b>EU RoHS Directive</b>	Compliant <a href="#">EU RoHS Declaration</a>
<b>Mercury free</b>	Yes
<b>China RoHS Regulation</b>	<a href="#">China RoHS declaration</a> Product out of China RoHS scope. Substance declaration for your information
<b>RoHS exemption information</b>	Yes
<b>Environmental Disclosure</b>	<a href="#">Product Environmental Profile</a>
<b>Circularity Profile</b>	<a href="#">End of Life Information</a>
<b>WEEE</b>	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

## Contractual warranty

<b>Warranty</b>	18 months
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## Recommended replacement(s)