

Product datasheet

Specifications



TeSys SK mini contactor - 2P (2 NO) - AC-3 - 690 V 5 A - 400 V AC coil

LC1SKGC200V7

⚠ Discontinued on: 19 Jan 2022

⚠ Discontinued

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-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

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|---|--|
| Control circuit type | AC at 50/60 Hz |
| [Uc] control circuit voltage | 400 V AC 50/60 Hz |
| [Ith] conventional free air thermal current | 20 A (at 55 °C) for power circuit |
| Rms 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 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 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 |

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|--|---|
| Product certifications | CB Scheme CE UKCA EAC cULus |
| Connections - terminals | Connector 1 cable(s) 1.5...6 mm ² solid Connector 2 cable(s) 1.5...4 mm ² solid Connector 1 cable(s) 0.5...6 mm ² flexible without cable end Connector 2 cable(s) 0.35...2.5 mm ² flexible without cable end Connector 1 cable(s) 0.35...6 mm ² flexible with cable end Connector 2 cable(s) 0.35...1.5 mm ² flexible with cable end |
| Tightening torque | Power circuit: 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 U _c at 50/60 Hz (at <55 °C) Drop-out: 0.2...0.75 U _c 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

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|--|--|
| 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

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|-------------------------------------|--------|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Height | 6.7 cm |
| Package 1 Width | 5.9 cm |
| Package 1 Length | 3.3 cm |
| Package 1 Weight | 132 g |

Contractual warranty

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|-----------------------------|----|
| Warranty (in months) | 18 |
|-----------------------------|----|



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 >](#)



Environmental footprint

Environmental Disclosure

[Product Environmental Profile](#)

Use Better



Materials and Substances

SCIP Number

C39a7e5e-6a28-4540-b3bb-b5a727bdce6a

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