

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

Local distributor code:

386126213 LC1SK0600M7

EAN Code: 3389110563887

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 | |
| [le] 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 | |
| [lcw] 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 | |

| Product certifications | CB Scheme | |
|---------------------------------|---|--|
| | CE | |
| | UKCA | |
| | EAC | |
| | cULus | |
| Connections - terminals | Power circuit: connector 1 cable(s) 0.356 mm²flexible with cable end | |
| | Power circuit: connector 1 cable(s) 0.56 mm²flexible without cable end | |
| | Power circuit: connector 1 cable(s) 1.56 mm²solid | |
| | Power circuit: connector 2 cable(s) 0.351.5 mm²flexible with cable end | |
| | Power circuit: connector 2 cable(s) 0.352.5 mm²flexible without cable end | |
| | Power circuit: connector 2 cable(s) 1.54 mm²solid | |
| Tightening torque | 0.8 N.m - on connector - with screwdriver 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 <50 °C) | |
| | Drop-out: 0.20.75 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 | -2050 °C | |
| Ambient air temperature for storage | -5070 °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 |

Logistical informations

Country of origin C2

Contractual warranty

Warranty 18 months



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 | |
|---|-------------------------------|
| Carbon footprint (kg.eq.CO2 per CR, Total Life cycle) | 54 |
| Environmental Disclosure | Product Environmental Profile |

Use Better

| Packaging made with recycled cardboard | Yes |
|--|--------------------------------------|
| Packaging without single use plastic | Yes |
| EU RoHS Directive | Compliant with Exemptions |
| SCIP Number | C39a7e5e-6a28-4540-b3bb-b5a727bdce6a |
| REACh Regulation | REACh Declaration |

Use Again

| ○ Repack and remanufacture | |
|----------------------------|---|
| Circularity Profile | End of Life Information |
| Take-back | No |
| WEEE | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins |

Technical Illustration

Assembly's dimensions

