

# Product datasheet

Specifications



## TeSys SK, Power add on block, 1NO Power, 1NC Signalling

LA1SK01

### Main

|                                |                                                                                         |
|--------------------------------|-----------------------------------------------------------------------------------------|
| Range                          | TeSys                                                                                   |
| Product name                   | TeSys SK                                                                                |
| Product or component type      | Power add-on block                                                                      |
| Device short name              | LA1SK                                                                                   |
| Utilisation category           | AC-3<br>AC-1                                                                            |
| power pole contact composition | 1P                                                                                      |
| Pole contact composition       | 1 NO                                                                                    |
| Auxiliary contact composition  | 1 NC                                                                                    |
| [Ie] rated operational current | 6 A at <= 440 V AC AC-3 for power circuit<br>12 A (at <55 °C) AC AC-1 for power circuit |
| [Ue] rated operational voltage | Signalling circuit: 690 V AC <= 400 Hz<br>Power circuit: 690 V AC 50/60 Hz              |

### Complementary

|                                             |                                                                                                                                                                                                                                                                                                                                         |
|---------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| [Ith] conventional free air thermal current | 12 A (at 55 °C) for power circuit<br>10 A (at 55 °C) for signalling circuit                                                                                                                                                                                                                                                             |
| Irms rated making capacity                  | 66 A at 690 V AC conforming to IEC 60947<br>66 A at 690 V AC conforming to NF C 63-110                                                                                                                                                                                                                                                  |
| [Icw] rated short-time withstand current    | 50 A 55 °C for power circuit                                                                                                                                                                                                                                                                                                            |
| Associated fuse rating                      | 16 A gI at <= 440 V for power circuit conforming to IEC 60947<br>10 A gI for signalling circuit conforming to IEC 60947<br>10 A gI for signalling circuit conforming to VDE 0660                                                                                                                                                        |
| [Ui] rated insulation voltage               | 690 V conforming to IEC 60947<br>690 V conforming to VDE 0110 group C<br>690 V conforming to BS 5424<br>690 V conforming to UL 508<br>690 V conforming to CSA C22.2 No 14                                                                                                                                                               |
| Standards                                   | EN/IEC 60947-4-1<br>UL 60947-4-1<br>CSA C22.2 No 60947-4-1                                                                                                                                                                                                                                                                              |
| Product certifications                      | CB Scheme<br>CE<br>UKCA<br>EAC<br>cULus                                                                                                                                                                                                                                                                                                 |
| Connections - terminals                     | Connector 1 cable(s) 0.35...6 mm²flexible with cable end<br>Connector 1 cable(s) 0.5...6 mm²flexible without cable end<br>Connector 1 cable(s) 1.5...6 mm²solid<br>Connector 2 cable(s) 0.35...1.5 mm²flexible with cable end<br>Connector 2 cable(s) 0.35...2.5 mm²flexible without cable end<br>Connector 2 cable(s) 1.5...4 mm²solid |

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

|                              |                                                         |
|------------------------------|---------------------------------------------------------|
| Tightening torque            | 0.8 N.m - on connector - with screwdriver pozidriv No 1 |
| Signalling circuit frequency | <= 400 Hz                                               |

## Environment

|                                       |                                                          |
|---------------------------------------|----------------------------------------------------------|
| IP degree of protection               | IP2X conforming to VDE 0106                              |
| Protective treatment                  | TC conforming to IEC 60068<br>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                                  |
| Net weight                            | 0.022 kg                                                 |

## Packing Units

|                              |          |
|------------------------------|----------|
| Unit Type of Package 1       | PCE      |
| Number of Units in Package 1 | 1        |
| Package 1 Height             | 3.800 cm |
| Package 1 Width              | 4.100 cm |
| Package 1 Length             | 5.700 cm |
| Package 1 Weight             | 30.000 g |

## Contractual warranty

|                      |    |
|----------------------|----|
| 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

Packaging made with recycled cardboard

Yes

Packaging without single use plastic

Yes

SCIP Number

C39a7e5e-6a28-4540-b3bb-b5a727bdce6a

EU RoHS Directive

[Compliant By Exemption](#)

REACH Regulation

[Reference contains Substances of Very High Concern above the threshold](#)

## Use Longer



### Lifetime extension

Repair

No

## Use Again



### Repack and remanufacture

Take-back

No

WEEE Label



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