

# Product data sheet

Specifications



## Auxiliary contact block, TeSys K, 1NO+1NC, front mounting, screw clamp terminals

LA1KN11

Product availability: Stock - Normally stocked in distribution facility

### Main

|                                             |                                                                                                                       |
|---------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|
| Range                                       | TeSys                                                                                                                 |
| Product name                                | TeSys K                                                                                                               |
| Product or Component Type                   | Auxiliary contact block                                                                                               |
| Device short name                           | LA1                                                                                                                   |
| Range compatibility                         | TeSys K LC1K<br>TeSys K CA2K<br>TeSys K CA3K<br>TeSys K CA4K                                                          |
| Mounting Location                           | Front                                                                                                                 |
| Pole contact composition                    | 1 NO + 1 NC                                                                                                           |
| Contacts operation                          | Instantaneous                                                                                                         |
| [Ue] rated operational voltage              | 690 V AC 25...400 Hz                                                                                                  |
| [Ui] rated insulation voltage               | 690 V IEC 60947-5-1<br>600 V UL 60947-5-1<br>600 V CSA C22.2 No 60947-5-1                                             |
| [Ith] conventional free air thermal current | 10 A (at 122 °F (50 °C))                                                                                              |
| Standards                                   | EN/IEC 60947-5-1<br>UL 60947-5-1<br>CSA C22.2 No 60947-5-1<br>GB/T 14048.5<br>JIS C8201-5-1<br>UL 60335-2-40:Annex JJ |
| Product Certifications                      | CB Scheme<br>CCC<br>UL<br>CSA<br>CE<br>UKCA                                                                           |

### Complementary

|                               |                                              |
|-------------------------------|----------------------------------------------|
| Irms rated making capacity    | 110 A at <= 690 V AC conforming to IEC 60947 |
| Permissible short-time rating | 80 A 1 s<br>60 A 500 ms<br>110 A 100 ms      |
| Associated fuse rating        | 10 A gG at <= 690 V conforming to IEC 60947  |
| Minimum switching current     | 5 mA                                         |
| Minimum switching voltage     | 17 V                                         |
| Non overlap distance          | 0.02 in (0.5 mm)                             |
| Insulation resistance         | > 10 MOhm                                    |

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

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

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Connections - terminals | screw clamp terminals 1 0.0005...0.002 in² (0.34...1.5 mm²)flexible with cable end<br>screw clamp terminals 1 0.001...0.006 in² (0.75...4 mm²)flexible without cable end<br>screw clamp terminals 1 0.002...0.006 in² (1.5...4 mm²)rigid<br>screw clamp terminals 2 0.0005...0.002 in² (0.34...1.5 mm²)flexible with cable end<br>screw clamp terminals 2 0.001...0.006 in² (0.75...4 mm²)flexible without cable end<br>screw clamp terminals 2 0.002...0.006 in² (1.5...4 mm²)rigid |
| Tightening torque       | 11.5 lbf.in (1.3 N.m) Philips No 2<br>11.5 lbf.in (1.3 N.m) pozidriv No 2                                                                                                                                                                                                                                                                                                                                                                                                            |
| Height                  | 1.2 in (30 mm)                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Width                   | 1.5 in (38 mm)                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Depth                   | 1.4 in (35 mm)                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Product Weight          | 0.099 lb(US) (0.045 kg)                                                                                                                                                                                                                                                                                                                                                                                                                                                              |

## Environment

|                                       |                              |
|---------------------------------------|------------------------------|
| Environmental characteristic          | Normal environment           |
| IP degree of protection               | IP20 conforming to IEC 60529 |
| Protective treatment                  | TC IEC 60068                 |
| Ambient Air Temperature for Storage   | -58...176 °F (-50...80 °C)   |
| Ambient Air Temperature for Operation | -13...122 °F (-25...50 °C)   |
| Operating altitude                    | 6561.68 ft (2000 m)          |

## Ordering and shipping details

|                   |               |
|-------------------|---------------|
| Category          | US10I1222341  |
| Discount Schedule | 0I12          |
| GTIN              | 3389110500059 |
| Returnability     | Yes           |
| Country of origin | ID            |

## Packing Units

|                              |                         |
|------------------------------|-------------------------|
| Unit Type of Package 1       | PCE                     |
| Nbr. of units in pkg.        | 1                       |
| Package 1 Height             | 1.457 in (3.700 cm)     |
| Package 1 Width              | 1.575 in (4.000 cm)     |
| Package 1 Length             | 1.575 in (4.000 cm)     |
| Package weight(Lbs)          | 1.164 oz (33.000 g)     |
| Unit Type of Package 2       | S02                     |
| Number of Units in Package 2 | 100                     |
| Package 2 Height             | 5.906 in (15.000 cm)    |
| Package 2 Width              | 11.811 in (30.000 cm)   |
| Package 2 Length             | 15.748 in (40.000 cm)   |
| Package 2 Weight             | 8.453 lb(US) (3.834 kg) |
| Unit Type of Package 3       | P06                     |
| Number of Units in Package 3 | 1600                    |
| Package 3 Height             | 29.528 in (75.000 cm)   |

|                  |                            |
|------------------|----------------------------|
| Package 3 Width  | 23.622 in (60.000 cm)      |
| Package 3 Length | 31.496 in (80.000 cm)      |
| Package 3 Weight | 148.018 lb(US) (67.140 kg) |

## 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

|                                                        |                                               |
|--------------------------------------------------------|-----------------------------------------------|
| Total lifecycle Carbon footprint                       | 4 kg CO2 eq.                                  |
| Carbon footprint of the manufacturing phase [A1 to A3] | 0.9 kg CO2 eq.                                |
| Carbon footprint of the distribution phase [A4]        | 0 kg CO2 eq.                                  |
| Carbon footprint of the installation phase [A5]        | 0 kg CO2 eq.                                  |
| Carbon footprint of the use phase [B2, B3, B4, B6]     | 3 kg CO2 eq.                                  |
| Carbon footprint of the end-of-life phase [C1 to C4]   | 0.1 kg CO2 eq.                                |
| Environmental Disclosure                               | <a href="#">Product Environmental Profile</a> |

## Use Better



### Materials and Substances

|                                        |                                                                             |
|----------------------------------------|-----------------------------------------------------------------------------|
| Packaging made with recycled cardboard | Yes                                                                         |
| Packaging without single use plastic   | Yes                                                                         |
| EU RoHS Directive                      | <a href="#">Compliant</a>                                                   |
| REACH Regulation                       | <a href="#">Free of Substances of Very High Concern above the threshold</a> |

## Use Longer



### Lifetime extension

|        |    |
|--------|----|
| Repair | No |
|--------|----|

## Use Again



### Repack and remanufacture

|                               |                                                                                                                                                                                                                  |
|-------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Recyclability potential, in % | 43                                                                                                                                                                                                               |
| Circularity Profile           | No need of specific recycling operations                                                                                                                                                                         |
| 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. |