

Product datasheet

Specifications



TeSys K - Auxiliary contact block - 1 NO + 1 NC - screw-clamps terminals

LA1KN11

Main

| | |
|---|---|
| Range | TeSys |
| Product name | TeSys K |
| Product or component type | Auxiliary contact block |
| Device short name | LA1 |
| Range compatibility | TeSys K LC1K TeSys K CA2K TeSys K CA3K 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 conforming to IEC 60947-5-1 600 V conforming to UL 60947-5-1 600 V conforming to CSA C22.2 No 60947-5-1 |
| [Ith] conventional free air thermal current | 10 A (at 50 °C) |
| Standards | EN/IEC 60947-5-1 UL 60947-5-1 CSA C22.2 No 60947-5-1 GB/T 14048.5 JIS C8201-5-1 UL 60335-2-40:Annex JJ |
| Product certifications | CB Scheme CCC UL CSA CE UKCA |

Complementary

| | |
|-------------------------------|--|
| Irms rated making capacity | 110 A at <= 690 V AC conforming to IEC 60947 |
| Permissible short-time rating | 80 A 1 s 60 A 500 ms 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 | 0.5 mm |
| Insulation resistance | > 10 MOhm |

| | |
|--------------------------------|--|
| Connections - terminals | Screw clamp terminals 1 cable(s) 0.34...1.5 mm ² flexible with cable end Screw clamp terminals 1 cable(s) 0.75...4 mm ² flexible without cable end Screw clamp terminals 1 cable(s) 1.5...4 mm ² rigid Screw clamp terminals 2 cable(s) 0.34...1.5 mm ² flexible with cable end Screw clamp terminals 2 cable(s) 0.75...4 mm ² flexible without cable end Screw clamp terminals 2 cable(s) 1.5...4 mm ² rigid |
| Tightening torque | 1.3 N.m - with screwdriver Philips No 2 1.3 N.m - with screwdriver pozidriv No 2 |
| Height | 30 mm |
| width | 38 mm |
| Depth | 35 mm |
| Net weight | 0.045 kg |

Environment

| | |
|--|------------------------------|
| Environmental characteristic | Normal environment |
| IP degree of protection | IP20 conforming to IEC 60529 |
| Protective treatment | TC conforming to IEC 60068 |
| Ambient air temperature for storage | -50...80 °C |
| Ambient air temperature for operation | -25...50 °C |
| Operating altitude | 2000 m |

Packing Units

| | |
|-------------------------------------|-----------|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Height | 2.972 cm |
| Package 1 Width | 3.403 cm |
| Package 1 Length | 3.895 cm |
| Package 1 Weight | 31.48 g |
| Unit Type of Package 2 | BB1 |
| Number of Units in Package 2 | 10 |
| Package 2 Height | 4.072 cm |
| Package 2 Width | 11.143 cm |
| Package 2 Length | 16.648 cm |
| Package 2 Weight | 320.0 g |
| Unit Type of Package 3 | S02 |
| Number of Units in Package 3 | 100 |
| Package 3 Height | 15.0 cm |
| Package 3 Width | 30.0 cm |
| Package 3 Length | 40.0 cm |
| Package 3 Weight | 3.75 kg |

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.

[How this information helps you >](#)

Environmental footprint

| | |
|---|---|
| Carbon footprint (kg.eq.CO2 per CR, Total Life cycle) | 3 |
|---|---|

Environmental Disclosure

[Product Environmental Profile](#)

Use Better

Materials and Substances

| | |
|--|-----|
| Packaging made with recycled cardboard | Yes |
|--|-----|

| | |
|--------------------------------------|----|
| Packaging without single use plastic | No |
|--------------------------------------|----|

| | |
|-----------------------------------|-----------|
| EU RoHS Directive | Compliant |
|-----------------------------------|-----------|

| | |
|------------------|-----------------------------------|
| REACH Regulation | REACH Declaration |
|------------------|-----------------------------------|

| | |
|-----------------------|--|
| China RoHS Regulation | China RoHS declaration |
|-----------------------|--|

Use Again

Repack and remanufacture

Circularity Profile

No need of specific recycling operations

WEEE



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

Take-back

No
