

# Product datasheet

Specifications



## TeSys K - Auxiliary contact block - 4 NO - screw-clamps terminals

LA1KN40

### 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
Mounting Location	Front
Pole Contact Composition	4 NO
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
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

<b>Connections - Terminals</b>	Screw clamp terminals 1 cable(s) 0.34...1.5 mm <sup>2</sup> flexible with cable end Screw clamp terminals 1 cable(s) 0.75...4 mm <sup>2</sup> flexible without cable end Screw clamp terminals 1 cable(s) 1.5...4 mm <sup>2</sup> rigid Screw clamp terminals 2 cable(s) 0.34...1.5 mm <sup>2</sup> flexible with cable end Screw clamp terminals 2 cable(s) 0.75...4 mm <sup>2</sup> flexible without cable end Screw clamp terminals 2 cable(s) 1.5...4 mm <sup>2</sup> rigid
<b>Tightening Torque</b>	1.3 N.m - with screwdriver Philips No 2 1.3 N.m - with screwdriver pozidriv No 2
<b>Height</b>	30 mm
<b>Width</b>	38 mm
<b>Depth</b>	35 mm
<b>Net Weight</b>	0.045 kg

## Environment

<b>Environmental Characteristic</b>	Normal environment
<b>Ip Degree Of Protection</b>	IP20 conforming to IEC 60529
<b>Protective Treatment</b>	TC conforming to IEC 60068
<b>Ambient Air Temperature For Storage</b>	-50...80 °C
<b>Ambient Air Temperature For Operation</b>	-25...50 °C
<b>Operating Altitude</b>	2000 m

## Packing Units

<b>Unit Type Of Package 1</b>	PCE
<b>Number Of Units In Package 1</b>	1
<b>Package 1 Height</b>	4 cm
<b>Package 1 Width</b>	4 cm
<b>Package 1 Length</b>	3.8 cm
<b>Package 1 Weight</b>	40 g
<b>Unit Type Of Package 2</b>	BB1
<b>Number Of Units In Package 2</b>	10
<b>Package 2 Height</b>	3 cm
<b>Package 2 Width</b>	16 cm
<b>Package 2 Length</b>	17 cm
<b>Package 2 Weight</b>	410 g
<b>Unit Type Of Package 3</b>	S02
<b>Number Of Units In Package 3</b>	100
<b>Package 3 Height</b>	15 cm
<b>Package 3 Width</b>	30 cm
<b>Package 3 Length</b>	40 cm
<b>Package 3 Weight</b>	4.555 kg

## Sustainability

**Green Premium™ label** is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO<sub>2</sub> products.

**Guide to assessing product sustainability** is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

[Learn more about Green Premium >](#)

[Guide to assess a product's sustainability >](#)



Transparency RoHS/REACH

## Well-being performance

Reach Free Of Svhc

Toxic Heavy Metal Free

Mercury Free

Rohs Exemption Information Yes

## Certifications & Standards

**Reach Regulation**

[REACH Declaration](#)

**Eu Rohs Directive**

Compliant

[EU RoHS Declaration](#)

**China Rohs Regulation**

[China RoHS declaration](#)

Pro-active China RoHS declaration (out of China RoHS legal scope)

**Environmental Disclosure**

[Product Environmental Profile](#)

**Weee**

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

**Circularity Profile**

No need of specific recycling operations