

# Product data sheet

Specifications



## Auxiliary contact block, TeSys K, 4NC, front mounting, screw clamp terminals

LA1KN04

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 TeSys K CA2K TeSys K CA3K
Mounting Location	Front
Pole contact composition	4 NC
Contacts operation	Instantaneous
[Ue] rated operational voltage	690 V AC 25...400 Hz
[Ui] rated insulation voltage	690 V IEC 60947-5-1 600 V UL 60947-5-1 600 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 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	0.02 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.

<b>Connections - terminals</b>	screw clamp terminals 1 0.0005...0.002 in <sup>2</sup> (0.34...1.5 mm <sup>2</sup> )flexible with cable end screw clamp terminals 1 0.001...0.006 in <sup>2</sup> (0.75...4 mm <sup>2</sup> )flexible without cable end screw clamp terminals 1 0.002...0.006 in <sup>2</sup> (1.5...4 mm <sup>2</sup> )rigid screw clamp terminals 2 0.0005...0.002 in <sup>2</sup> (0.34...1.5 mm <sup>2</sup> )flexible with cable end screw clamp terminals 2 0.001...0.006 in <sup>2</sup> (0.75...4 mm <sup>2</sup> )flexible without cable end screw clamp terminals 2 0.002...0.006 in <sup>2</sup> (1.5...4 mm <sup>2</sup> )rigid
<b>Tightening torque</b>	11.5 lbf.in (1.3 N.m) Philips No 2 11.5 lbf.in (1.3 N.m) pozidriv No 2
<b>Height</b>	1.2 in (30 mm)
<b>Width</b>	1.5 in (38 mm)
<b>Depth</b>	1.4 in (35 mm)
<b>Net Weight</b>	0.099 lb(US) (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 IEC 60068
<b>Ambient Air Temperature for Storage</b>	-58...176 °F (-50...80 °C)
<b>Ambient Air Temperature for Operation</b>	-13...122 °F (-25...50 °C)
<b>Operating altitude</b>	6561.68 ft (2000 m)

## Ordering and shipping details

<b>Category</b>	US10I1222341
<b>Discount Schedule</b>	0112
<b>GTIN</b>	3389110500158
<b>Returnability</b>	Yes
<b>Country of origin</b>	ID

## Packing Units

<b>Unit Type of Package 1</b>	PCE
<b>Nbr. of units in pkg.</b>	1
<b>Package 1 Height</b>	1.57 in (4.000 cm)
<b>Package 1 Width</b>	1.57 in (4.000 cm)
<b>Package 1 Length</b>	1.50 in (3.800 cm)
<b>Package weight(Lbs)</b>	1.411 oz (40.000 g)
<b>Unit Type of Package 2</b>	S02
<b>Number of Units in Package 2</b>	100
<b>Package 2 Height</b>	5.91 in (15.000 cm)
<b>Package 2 Width</b>	11.81 in (30.000 cm)
<b>Package 2 Length</b>	15.75 in (40.000 cm)
<b>Package 2 Weight</b>	10.009 lb(US) (4.540 kg)

## Contractual warranty

<b>Warranty</b>	18 months
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## 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

Carbon footprint (kg CO2 eq, Total Life cycle) 4

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](#)

## Use Again

### Repack and remanufacture

Circularity Profile No need of specific recycling operations

Take-back No

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