

# Product data sheet

Specifications



## Auxiliary contact block, TeSys K, 2NO+2NC, front mounting, screw clamp terminals

LA1KN22

### 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	2 NO + 2 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
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

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 cable(s) 0.34...1.5 mm²flexible with cable end
	Screw clamp terminals 1 cable(s) 0.75...4 mm²flexible without cable end
	Screw clamp terminals 1 cable(s) 1.5...4 mm²rigid
	Screw clamp terminals 2 cable(s) 0.34...1.5 mm²flexible with cable end
	Screw clamp terminals 2 cable(s) 0.75...4 mm²flexible without cable end
	Screw clamp terminals 2 cable(s) 1.5...4 mm²rigid
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	3.295 cm
Package 1 Width	3.823 cm
Package 1 Length	3.917 cm
Package 1 Weight	30.0 g
Unit Type Of Package 2	BB1
Number Of Units In Package 2	10
Package 2 Height	4.4 cm
Package 2 Width	16.698 cm
Package 2 Length	15.45 cm
Package 2 Weight	401.0 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	4.651 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.

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[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	<a href="#">REACH Declaration</a>
Eu Rohs Directive	Compliant <a href="#">EU RoHS Declaration</a>
China Rohs Regulation	<a href="#">China RoHS declaration</a> Pro-active China RoHS declaration (out of China RoHS legal scope)
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
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