

LA1KN31

Auxiliary contact block, TeSys K, 3NO+1NC, front mounting, screw clamp terminals



Main

Range	TeSys
Product name	TeSys K
Product or Component Type	Auxiliary contact block
Device short name	LA1
Range compatibility	TeSys K LC1K[RETURN]TeSys K CA2K[RETURN]TeSys K CA3K
Mounting location	Front
Pole contact composition	3 NO + 1 NC
Contacts operation	Instantaneous
[Ue] rated operational voltage	690 V AC 25...400 Hz
[Ui] rated insulation voltage	690 V IEC 60947-5-1 600 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
Product Certifications	CB Scheme[RETURN]CCC[RETURN]UL[RETURN]CSA[RETURN]CE

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
Connections - terminals	Screw clamp terminals 1 0.00...0.00 in ² (0.34...1.5 mm ²)flexible with cable end Screw clamp terminals 1 0.00...0.01 in ² (0.75...4 mm ²)flexible without cable end Screw clamp terminals 1 0.00...0.01 in ² (1.5...4 mm ²)rigid Screw clamp terminals 2 0.00...0.00 in ² (0.34...1.5 mm ²)flexible with cable end Screw clamp terminals 2 0.00...0.01 in ² (0.75...4 mm ²)flexible without cable end Screw clamp terminals 2 0.00...0.01 in ² (1.5...4 mm ²)rigid
Tightening torque	11.51 Lbf.in (1.3 N.m) Philips No 2 11.51 lbf.in (1.3 N.m) pozidriv No 2
Height	1.18 in (30 mm)
Width	1.50 in (38 mm)
Depth	1.38 in (35 mm)
Net Weight	0.10 lb(US) (0.045 kg)

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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	3389110500097
Returnability	Yes
Country of origin	FR

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	1.50 in (3.8 cm)
Package 1 Width	1.42 in (3.6 cm)
Package 1 Length	1.57 in (4 cm)
Package 1 Weight	1.45 oz (41 g)
Unit Type of Package 2	BB1
Number of Units in Package 2	10
Package 2 Height	1.18 in (3 cm)
Package 2 Width	5.51 in (14 cm)
Package 2 Length	5.12 in (13 cm)
Package 2 Weight	14.46 oz (410 g)
Unit Type of Package 3	S02
Number of Units in Package 3	100
Package 3 Height	5.91 in (15 cm)
Package 3 Width	11.81 in (30 cm)
Package 3 Length	15.75 in (40 cm)
Package 3 Weight	9.04 lb(US) (4.1 kg)

Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	REACH Declaration
REACH free of SVHC	Yes
EU RoHS Directive	Compliant EU RoHS Declaration
Toxic heavy metal free	Yes
Mercury free	Yes
China RoHS Regulation	China RoHS Declaration
RoHS exemption information	Yes
Environmental Disclosure	Product Environmental Profile
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.

Contractual warranty

Warranty	18 months
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