

LA1KN40

Auxiliary contact block, TeSys K, 4NO, 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 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
[Ie] rated operational current	6 A at 120 V AC-15 1.04 A at 690 V AC-15 0.55 A at 125 V DC-13 0.1 A at 600 V DC-13
[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
Product certifications	IECEE CB Scheme UL CSA CCC

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
Height	30 mm
Width	38 mm
Depth	35 mm
Net weight	0.045 kg

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. 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. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

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

Package 1 Weight	0.040 kg
Package 1 Height	0.400 dm
Package 1 width	0.400 dm
Package 1 Length	0.380 dm

Offer Sustainability

REACH Regulation	REACH Declaration
REACH free of SVHC	Yes
EU RoHS Directive	Compliant EU RoHS Declaration
Toxic heavy metal free	Yes
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	China RoHS Declaration
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins