

Product data sheet

Specifications



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

LA1KN20

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 TeSys K CA4K
Mounting location	Front
Pole contact composition	2 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
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 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 Weight	31.15 g
Package 1 Height	3.8 cm
Package 1 Width	3.9 cm
Package 1 Length	4.0 cm
Unit Type of Package 2	S02
Number of Units in Package 2	100
Package 2 Weight	3.764 kg
Package 2 Height	15.0 cm
Package 2 Width	30.0 cm
Package 2 Length	40.0 cm

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
RoHS exemption information	Yes
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