

Product data sheet

Characteristics

LA1KN20

TeSys K - Auxiliary contact block - 2 NO - screw-clamps terminals



Main

Range	TeSys
Range of product	TeSys K control relay TeSys K
Device short name	LA1
Product or component type	Auxiliary contact block
Mounting location	Front
Pole contact composition	2 NO
Contacts operation	Instantaneous
[Ue] rated operational voltage	≤ 690 V AC ≤ 400 Hz
[Ui] rated insulation voltage	690 V - for control circuit conforming to BS 5424 690 V - for control circuit conforming to IEC 60947 750 V - for control circuit conforming to VDE 0010 group C 600 V - for control circuit conforming to CSA C22.2
[Ith] conventional free air thermal current	10 A (at 50 °C)
Standards	BS 5424 VDE 0660 NF C 63-110 IEC 60947
Product certifications	UL CSA

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 10 A gG at ≤ 690 V conforming to VDE 0660
Minimum switching current	5 mA
Minimum switching voltage	17 V
Non overlap distance	0.5 mm
Insulation resistance	> 10 MOhm for control circuit
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 solid 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 solid
Tightening torque	1.3 N.m - on screw clamp terminals - with screwdriver Philips No 2
Depth	35 mm
Net weight	0.045 kg

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Environment

Environmental characteristic	Normal environment
IP degree of protection	IP2x conforming to VDE 0106
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 without derating

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

Contractual warranty

Warranty	18 months
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