

LA1KN13

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



Main

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|---|---|
| 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 | 1 NO + 3 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[RETURN]CCC[RETURN]UL[RETURN]CSA[RETURN]CE |

Complementary

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| 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 1.3 N.m - with screwdriver pozidriv No 2 |
| Height | 30 mm |
| Width | 38 mm |
| Depth | 35 mm |
| Net weight | 0.045 kg |

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Environment

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|---------------------------------------|------------------------------|
| 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

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| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Height | 3.5 cm |
| Package 1 Width | 3 cm |
| Package 1 Length | 3.9 cm |
| Package 1 Weight | 40 g |
| Unit Type of Package 2 | BB1 |
| Number of Units in Package 2 | 10 |
| Package 2 Height | 3 cm |
| Package 2 Width | 19 cm |
| Package 2 Length | 29 cm |
| Package 2 Weight | 406 g |
| Unit Type of Package 3 | S02 |
| Number of Units in Package 3 | 100 |
| Package 3 Height | 15 cm |
| Package 3 Width | 30 cm |
| Package 3 Length | 40 cm |
| Package 3 Weight | 4.545 kg |

Offer Sustainability

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|----------------------------|---|
| 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

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| Warranty | 18 months |
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