

# LA1KN02

Auxiliary contact block, TeSys K, 2NC, 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<br>TeSys K CA2K<br>TeSys K CA3K<br>TeSys K CA4K  |
| Mounting location  | Front   |
| Pole contact composition                                 | 2 NC  |
| Contacts operation                                       | Instantaneous   |
| [Ue] rated operational voltage                           | 690 V AC 25...400 Hz  |
| [Ie] rated operational current                           | 6 A at 120 V AC-15<br>1.04 A at 690 V AC-15<br>0.55 A at 125 V DC-13<br>0.1 A at 600 V DC-13                        |
| [Ui] rated insulation voltage                            | 690 V conforming to IEC 60947-5-1<br>600 V conforming to UL 60947-5-1<br>600 V conforming to CSA C22.2 No 60947-5-1 |
| [I <sub>th</sub> ] conventional free air thermal current | 10 A (at 50 °C)   |
| Standards  | EN/IEC 60947-5-1<br>UL 60947-5-1<br>CSA C22.2 No 60947-5-1<br>GB/T 14048.5  |
| Product certifications                                   | IECEE CB Scheme<br>UL<br>CSA<br>CCC   |

## Complementary

|                               |  |
|-------------------------------|--|
| Irms rated making capacity    | 110 A at ≤ 690 V AC conforming to IEC 60947  |
| Permissible short-time rating | 80 A 1 s<br>60 A 500 ms<br>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 <sup>2</sup> flexible with cable end<br>Screw clamp terminals 1 cable(s) 0.75...4 mm <sup>2</sup> flexible without cable end<br>Screw clamp terminals 1 cable(s) 1.5...4 mm <sup>2</sup> rigid<br>Screw clamp terminals 2 cable(s) 0.34...1.5 mm <sup>2</sup> flexible with cable end<br>Screw clamp terminals 2 cable(s) 0.75...4 mm <sup>2</sup> flexible without cable end<br>Screw clamp terminals 2 cable(s) 1.5...4 mm <sup>2</sup> 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   |

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## 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 | 0.032 kg |
| Package 1 Height | 0.350 dm |
| Package 1 width  | 0.350 dm |
| Package 1 Length | 0.400 dm |

## Offer Sustainability

|                            |   |
|----------------------------|---|
| REACH Regulation           | <a href="#">REACH Declaration</a>   |
| REACH free of SVHC         | Yes   |
| EU RoHS Directive          | Compliant <a href="#">EU RoHS Declaration</a>   |
| Toxic heavy metal free     | Yes   |
| Mercury free               | Yes   |
| RoHS exemption information | <a href="#">Yes</a>   |
| China RoHS Regulation      | <a href="#">China RoHS Declaration</a>  |
| WEEE                       | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins |