



## 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  |
| Mounting location                           | Front   |
| Pole contact composition                    | 3 NO + 1 NC   |
| Auxiliary 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 |
| [Ith] 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<br>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             | 41 G   |
| Package 1 Height             | 3.8 Cm |
| Package 1 width              | 3.6 Cm |
| Package 1 Length             | 4 Cm   |
| Unit Type of Package 2       | S02    |
| Number of Units in Package 2 | 100    |
| Package 2 Weight             | 4.1 Kg |
| Package 2 Height             | 15 Cm  |
| Package 2 width              | 30 Cm  |
| Package 2 Length             | 40 Cm  |

## Offer Sustainability

|                            |   |
|----------------------------|---|
| 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 |  Yes   |
| 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       |

Product Life Status : **Commercialised**