



### Main

|                              |  |
|------------------------------|--|
| Range                        | TeSys  |
| Device short name            | LA1  |
| Product or component type    | Auxiliary contact block  |
| Product compatibility        | CA2K<br>CA3K   |
| Auxiliary contacts operation | Instantaneous  |
| Pole contact composition     | 1 NO + 3 NC  |
| Connections - terminals      | Screw clamp terminals 2 cable 1.5...4 mm <sup>2</sup> - cable stiffness: solid<br>Screw clamp terminals 2 cable 0.75...4 mm <sup>2</sup> - cable stiffness: flexible - without cable end<br>Screw clamp terminals 2 cable 0.34...1.5 mm <sup>2</sup> - cable stiffness: flexible - with cable end<br>Screw clamp terminals 1 cable 1.5...4 mm <sup>2</sup> - cable stiffness: solid<br>Screw clamp terminals 1 cable 0.75...4 mm <sup>2</sup> - cable stiffness: flexible - without cable end<br>Screw clamp terminals 1 cable 0.34...1.5 mm <sup>2</sup> - cable stiffness: flexible - with cable end |

### Complementary

|   |   |
|---|---|
| Mounting location                           | Front   |
| [Ui] rated insulation voltage               | 600 V - for control circuit - conforming to CSA C22.2<br>750 V - for control circuit - conforming to VDE 0010 group C<br>690 V - for control circuit - conforming to IEC 60947<br>690 V - for control circuit - conforming to BS 5424 |
| [Ue] rated operational voltage              | <= 690 V AC <= 400 Hz   |
| [Ith] conventional free air thermal current | 10 A at <= 50 °C  |
| Irms rated making capacity                  | 110 A at <= 690 V AC conforming to IEC 60947  |
| Permissible short-time rating               | 110 A 100 ms<br>60 A 500 ms<br>80 A 1 s   |
| Associated fuse rating                      | VDE 0660<br>IEC 60947   |
| Minimum switching current                   | 5 mA  |
| Minimum switching voltage                   | 17 V  |
| Non overlap distance                        | 0.5 mm  |
| Insulation resistance                       | > 10 MOhm for control circuit   |
| Tightening torque                           | 1.3 N.m - on screw clamp terminals - with screwdriver Philips No 2  |
| Depth                                       | 35 mm   |
| Product weight                              | 0.045 kg  |

## Environment

|                                       |   |
|---------------------------------------|---|
| Environmental characteristic          | Normal environment                              |
| Standards                             | BS 5424<br>IEC 60947<br>NF C 63-110<br>VDE 0660 |
| Product certifications                | CSA<br>UL                                       |
| IP degree of protection               | IP2x conforming to VDE 0106                     |
| Protective treatment                  | TC conforming to IEC 60068                      |
| Ambient air temperature for operation | -25...50 °C                                     |
| Ambient air temperature for storage   | -50...80 °C                                     |
| Operating altitude                    | 2000 m without derating in temperature          |