



### Main

|                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Range                        | TeSys                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Device short name            | LA1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Product or component type    | Auxiliary contact block                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Product compatibility        | TeSys K contactor 4P                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Auxiliary contacts operation | Instantaneous                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Pole contact composition     | 1 NO + 1 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 - conforming to CSA C22.2<br>750 V - conforming to VDE 0010 group C<br>690 V - conforming to IEC 60947<br>690 V - 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                                                                                                                                     |
| 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<br>EN 50012 |
| 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                      |

## Offer Sustainability

|                                  |                                                                                       |
|----------------------------------|---------------------------------------------------------------------------------------|
| Sustainable offer status         | Not Green Premium product                                                             |
| RoHS                             | Compliant - since 0633 - <a href="#">Schneider Electric declaration of conformity</a> |
| Product end of life instructions | Need no specific recycling operations                                                 |