



### Main

|   |  |
|---|--|
| Range                                       | TeSys<br>TeSys Deca  |
| Product name                                | TeSys Deca   |
| Product or component type                   | Auxiliary contact block  |
| Device short name                           | LADN   |
| Range compatibility                         | TeSys D CAD<br>TeSys D LC1D<br>TeSys F LC1F<br>TeSys F CR1F<br>TeSys Deca CAD<br>TeSys Deca LC1D |
| Mounting location                           | Front  |
| Pole contact composition                    | 1 NO + 1 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<br>600 V conforming to CSA           |
| [Ith] conventional free air thermal current | 10 A (at 60 °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<br>EN 50012           |
| Product certifications                      | CB<br>UL<br>CSA<br>CCC<br>EAC<br>UKCA  |

### Complementary

|                               |   |
|-------------------------------|---|
| Irms rated making capacity    | 140 A AC conforming to IEC 60947-5-1<br>250 A DC conforming to IEC 60947-5-1  |
| Permissible short-time rating | 100 A 60 °C 1 s<br>120 A 60 °C 500 ms<br>140 A 60 °C 100 ms   |
| Protection type               | GG fuse 10 A  |
| Mechanical durability         | 30 Mcycles  |
| Minimum switching current     | 5 mA  |
| Minimum switching voltage     | 17 V  |
| Non-overlap time              | 1.5 Ms on de-energisation no overlap between NC and NO contact<br>1.5 ms on energisation no overlap between NC and NO contact |
| Insulation resistance         | > 10 MOhm   |
| Connections - terminals       | Lugs-ring terminals (external diameter: 8 mm)   |

|                   |  |
|-------------------|--|
| Tightening torque | 1.7 N.M - with screwdriver flat Ø 6 mm M3.5<br>1.7 N.M - with screwdriver Philips No 2 M3.5<br>1.7 N.m - with screwdriver pozidriv No 2 M3.5 |
| Height            | 48 mm  |
| Width             | 26 mm  |
| Depth             | 42 mm  |
| Colour            | Dark grey  |

## Environment

|                                       |                              |
|---------------------------------------|------------------------------|
| Environmental characteristic          | Normal environment           |
| IP degree of protection               | IP20 conforming to IEC 60529 |
| Protective treatment                  | TH conforming to IEC 60068   |
| Ambient air temperature for storage   | -60...80 °C                  |
| Ambient air temperature for operation | -5...60 °C                   |
| Operating altitude                    | 3000 m                       |

## Packing Units

|                              |          |
|------------------------------|----------|
| Unit Type of Package 1       | PCE      |
| Number of Units in Package 1 | 1        |
| Package 1 Height             | 5 cm     |
| Package 1 Width              | 2.8 cm   |
| Package 1 Length             | 4.3 cm   |
| Package 1 Weight             | 31 g     |
| Unit Type of Package 2       | BB1      |
| Number of Units in Package 2 | 10       |
| Package 2 Height             | 2.8 cm   |
| Package 2 Width              | 8.5 cm   |
| Package 2 Length             | 25.5 cm  |
| Package 2 Weight             | 320 g    |
| Unit Type of Package 3       | S03      |
| Number of Units in Package 3 | 320      |
| Package 3 Height             | 30 cm    |
| Package 3 Width              | 30 cm    |
| Package 3 Length             | 40 cm    |
| Package 3 Weight             | 10.66 kg |

## Offer Sustainability

|                            |   |
|----------------------------|---|
| Sustainable offer status   | Green Premium product   |
| 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   |
| China RoHS Regulation      | <a href="#">China RoHS Declaration</a>  |
| RoHS exemption information | <a href="#">Yes</a>   |
| Environmental Disclosure   | <a href="#">Product Environmental Profile</a>   |
| WEEE                       | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins |

## Contractual warranty

|          |           |
|----------|-----------|
| Warranty | 18 Monate |
|----------|-----------|