

# Product datasheet

Specifications



## Auxiliary contact block, TeSys D, 2NO, front mounting, screw clamp terminals

Local distributor code: 381799904 LADN20

EAN Code : 3389110383881

### 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                    | 2 NO   |
| 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                                   | 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   |

|                                  |  |
|----------------------------------|--|
| <b>Mechanical durability</b>     | 30 Mcycles   |
| <b>Minimum switching current</b> | 5 mA   |
| <b>Minimum switching voltage</b> | 17 V   |
| <b>Non-overlap time</b>          | 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  |
| <b>Insulation resistance</b>     | > 10 MOhm  |
| <b>Connections - terminals</b>   | Screw clamp terminals 1 cable(s) 1...4 mm <sup>2</sup> flexible with cable end<br>Screw clamp terminals 1 cable(s) 1...4 mm <sup>2</sup> flexible without cable end<br>Screw clamp terminals 2 cable(s) 1...2.5 mm <sup>2</sup> flexible with cable end<br>Screw clamp terminals 2 cable(s) 1...4 mm <sup>2</sup> flexible without cable end<br>Screw clamp terminals 1 cable(s) 1...4 mm <sup>2</sup> rigid without cable end<br>Screw clamp terminals 2 cable(s) 1...4 mm <sup>2</sup> rigid without cable end |
| <b>Tightening torque</b>         | 1.7 N.m - with screwdriver flat Ø 6 mm<br>1.7 N.m - with screwdriver Philips No 2<br>1.7 N.m - with screwdriver pozidriv No 2  |
| <b>Height</b>                    | 48 mm  |
| <b>Width</b>                     | 26 mm  |
| <b>Depth</b>                     | 42 mm  |
| <b>Colour</b>                    | Dark grey  |

## Environment

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

## Packing Units

|                                     |           |
|-------------------------------------|-----------|
| <b>Unit Type of Package 1</b>       | PCE       |
| <b>Number of Units in Package 1</b> | 1         |
| <b>Package 1 Height</b>             | 2.800 cm  |
| <b>Package 1 Width</b>              | 4.200 cm  |
| <b>Package 1 Length</b>             | 5.200 cm  |
| <b>Package 1 Weight</b>             | 34.000 g  |
| <b>Unit Type of Package 2</b>       | BB1       |
| <b>Number of Units in Package 2</b> | 10        |
| <b>Package 2 Height</b>             | 2.800 cm  |
| <b>Package 2 Width</b>              | 8.600 cm  |
| <b>Package 2 Length</b>             | 25.600 cm |
| <b>Package 2 Weight</b>             | 342.000 g |
| <b>Unit Type of Package 3</b>       | S03       |
| <b>Number of Units in Package 3</b> | 320       |
| <b>Package 3 Height</b>             | 30.000 cm |
| <b>Package 3 Width</b>              | 30.000 cm |
| <b>Package 3 Length</b>             | 40.000 cm |

---

|                  |           |
|------------------|-----------|
| Package 3 Weight | 11.452 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<br><a href="#">EU RoHS Declaration</a>  |
| Toxic heavy metal free     | Yes   |
| Mercury free               | Yes   |
| China RoHS Regulation      | <a href="#">China RoHS declaration</a><br>Pro-active China RoHS declaration (out of China RoHS legal scope)                 |
| 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 months |
|----------|-----------|

## Recommended replacement(s)