

# Product data sheet

Specifications



## Auxiliary contact block, TeSys Deca, 2NO + 2NC, front mounting, screw clamp terminals

LADN22

### Main

|  |  |
|--|--|
| <b>Range</b>                                       | TeSys<br>TeSys Deca  |
| <b>Product name</b>                                | TeSys D<br>TeSys Deca  |
| <b>Product or component type</b>                   | Auxiliary contact block  |
| <b>Device short name</b>                           | LADN   |
| <b>Range compatibility</b>                         | TeSys D CAD<br>TeSys D LC1D<br>TeSys F LC1F<br>TeSys F CR1F<br>TeSys Deca CAD<br>TeSys Deca LC1D |
| <b>Mounting location</b>                           | Front  |
| <b>Pole contact composition</b>                    | 2 NO + 2 NC  |
| <b>Contacts operation</b>                          | Instantaneous  |
| <b>[Ue] rated operational voltage</b>              | 690 V AC 25...400 Hz   |
| <b>[Ui] rated insulation voltage</b>               | 690 V conforming to IEC 60947-5-1<br>600 V conforming to UL<br>600 V conforming to CSA           |
| <b>[Ith] conventional free air thermal current</b> | 10 A (at 60 °C)  |
| <b>Standards</b>                                   | EN/IEC 60947-5-1<br>GB/T 14048.5   |
| <b>Product certifications</b>                      | CB<br>UL<br>CSA<br>CCC<br>UKCA   |

### Complementary

|                                      |  |
|--------------------------------------|--|
| <b>Irms rated making capacity</b>    | 140 A AC conforming to IEC 60947-5-1<br>250 A DC conforming to IEC 60947-5-1 |
| <b>Permissible short-time rating</b> | 100 A 60 °C 1 s<br>120 A 60 °C 500 ms<br>140 A 60 °C 100 ms                  |
| <b>Protection type</b>               | 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>Colour</b>                  | Dark grey  |
| <b>Height</b>                  | 48 mm  |
| <b>Width</b>                   | 44 mm  |
| <b>Depth</b>                   | 42 mm  |
| <b>Net weight</b>              | 0.05 kg  |

## 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 Weight</b>             | 60.0 g    |
| <b>Package 1 Height</b>             | 5 cm      |
| <b>Package 1 width</b>              | 5 cm      |
| <b>Package 1 Length</b>             | 4.4 cm    |
| <b>Unit Type of Package 2</b>       | BB1       |
| <b>Number of Units in Package 2</b> | 10        |
| <b>Package 2 Weight</b>             | 616.0 g   |
| <b>Package 2 Height</b>             | 5 cm      |
| <b>Package 2 width</b>              | 8.6 cm    |
| <b>Package 2 Length</b>             | 26 cm     |
| <b>Unit Type of Package 3</b>       | P06       |
| <b>Number of Units in Package 3</b> | 1280      |
| <b>Package 3 Weight</b>             | 93.052 kg |
| <b>Package 3 Height</b>             | 75 cm     |
| <b>Package 3 width</b>              | 80 cm     |
| <b>Package 3 Length</b>             | 60 cm     |

## Offer Sustainability

|                                   |   |
|-----------------------------------|---|
| <b>Sustainable offer status</b>   | Green Premium product   |
| <b>REACH Regulation</b>           | <a href="#">REACH Declaration</a>   |
| <b>REACH free of SVHC</b>         | Yes   |
| <b>EU RoHS Directive</b>          | Compliant<br><a href="#">EU RoHS Declaration</a>  |
| <b>Toxic heavy metal free</b>     | Yes   |
| <b>Mercury free</b>               | Yes   |
| <b>RoHS exemption information</b> | <a href="#">Yes</a>   |
| <b>China RoHS Regulation</b>      | <a href="#">China RoHS declaration</a><br>Pro-active China RoHS declaration (out of China RoHS legal scope)                 |
| <b>WEEE</b>                       | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins |