

# Product datasheet

Specifications



Auxiliary contact block. TeSys D.  
2NO + 2NC. front mounting. screw  
clamp terminals. EN 50012

LADN22P

Price: 622.68 ZAR

## 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 LC1D80004...D115004<br>TeSys F LC1F<br>TeSys F CR1F<br>TeSys Deca LC1D80004...D115004                       |
| Mounting Location                           | Front                                                                                                               |
| Pole Contact Composition                    | 2 NO + 2 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 60947-5-1<br>600 V conforming to CSA C22.2 No 60947-5-1 |
| [Ith] Conventional Free Air Thermal Current | 10 A (at 60 °C)                                                                                                     |
| Standards                                   | EN/IEC 60947-5-1<br>GB/T 14048.5<br>EN 50012<br>EN/IEC 60947-5-1                                                    |
| Product Certifications                      | IECEE CB Scheme<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                                                                         |

Excluding VAT and subject to change. Please check with your local distributor through "Where to buy"

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

|                           |                                                                                                                                                                                                                                                                                                                                                                                                          |
|---------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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   | Screw clamp terminals 1 cable(s) 1...2.5 mm²flexible with cable end<br>Screw clamp terminals 1 cable(s) 1...2.5 mm²flexible without cable end<br>Screw clamp terminals 2 cable(s) 1...2.5 mm²flexible with cable end<br>Screw clamp terminals 2 cable(s) 1...2.5 mm²flexible without cable end<br>Screw clamp terminals 1 cable(s) 1...2.5 mm²rigid<br>Screw clamp terminals 2 cable(s) 1...2.5 mm²rigid |
| Tightening Torque         | 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                                                                                                                                                                                                                                                                            |
| Height                    | 48 mm                                                                                                                                                                                                                                                                                                                                                                                                    |
| Width                     | 44 mm                                                                                                                                                                                                                                                                                                                                                                                                    |
| Depth                     | 42 mm                                                                                                                                                                                                                                                                                                                                                                                                    |
| Net Weight                | 0.05 kg                                                                                                                                                                                                                                                                                                                                                                                                  |
| 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             | 5.0 cm  |
| Package 1 Width              | 4.2 cm  |
| Package 1 Length             | 4.8 cm  |
| Package 1 Weight             | 62.0 g  |
| Unit Type Of Package 2       | BB1     |
| Number Of Units In Package 2 | 10      |
| Package 2 Height             | 5.0 cm  |
| Package 2 Width              | 8.4 cm  |
| Package 2 Length             | 26.0 cm |
| Package 2 Weight             | 640.0 g |
| Unit Type Of Package 3       | S03     |
| Number Of Units In Package 3 | 160     |
| Package 3 Height             | 30.0 cm |
| Package 3 Width              | 30.0 cm |
| Package 3 Length             | 40.0 cm |

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|                  |           |
|------------------|-----------|
| Package 3 Weight | 10.535 kg |
|------------------|-----------|

Sustainability



**Green Premium™ label** is Schneider Electric’s commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO<sub>2</sub> products.

**Guide to assessing product sustainability** is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

[Learn more about Green Premium >](#)

[Guide to assess a product’s sustainability >](#)



Transparency   RoHS/REACH

Well-being performance

|   |                            |     |
|---|----------------------------|-----|
| ✓ | Reach Free Of Svhc         |     |
| ✓ | Toxic Heavy Metal Free     |     |
| ✓ | Mercury Free               |     |
| ✓ | Rohs Exemption Information | Yes |

Certifications & Standards

|                          |                                                                                                                             |
|--------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| Reach Regulation         | <a href="#">REACH Declaration</a>                                                                                           |
| Eu Rohs Directive        | Compliant<br><a href="#">EU RoHS Declaration</a>                                                                            |
| China Rohs Regulation    | <a href="#">China RoHS declaration</a><br>Pro-active China RoHS declaration (out of China RoHS legal scope)                 |
| 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 |
| Circularity Profile      | No need of specific recycling operations                                                                                    |