

# Product data sheet

Specifications



## Auxiliary contact block, TeSys Deca, 2NO + 2NC, front mounting, screw clamp terminals, EN 50012

LADN22P

Product availability: Non-Stock - Not normally stocked in distribution facility

### 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 IEC 60947-5-1<br>600 V UL 60947-5-1<br>600 V CSA C22.2 No 60947-5-1                                                                                              |
| [Ith] conventional free air thermal current | 10 A (at 140 °F (60 °C))                                                                                                                                               |
| Standards                                   | EN/IEC 60947-5-1<br>GB/T 14048.5<br>EN 50012<br>UL 60947-5-1<br>CSA C22.2 No 60947-5-1<br>IEC 60335-1:Clause 30.2<br>IEC 60335-2-40:Annex JJ<br>UL 60335-2-40:Annex JJ |
| Product Certifications                      | 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 140 °F (60 °C) 1 s<br>120 A 140 °F (60 °C) 500 ms<br>140 A 140 °F (60 °C) 100 ms |
| Protection type               | GG fuse 10 A                                                                           |

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

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

|                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|---------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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   | screw clamp terminals 1 0.002...0.004 in² (1...2.5 mm²)flexible with cable end<br>screw clamp terminals 1 0.002...0.004 in² (1...2.5 mm²)flexible without cable end<br>screw clamp terminals 2 0.002...0.004 in² (1...2.5 mm²)flexible with cable end<br>screw clamp terminals 2 0.002...0.004 in² (1...2.5 mm²)flexible without cable end<br>screw clamp terminals 1 0.002...0.004 in² (1...2.5 mm²)rigid<br>screw clamp terminals 2 0.002...0.004 in² (1...2.5 mm²)rigid |
| Tightening torque         | 15.05 lbf.in (1.7 N.m) flat Ø 6 mm<br>15.05 lbf.in (1.7 N.m) Philips No 2<br>15.05 lbf.in (1.7 N.m) pozidriv No 2                                                                                                                                                                                                                                                                                                                                                          |
| Height                    | 1.9 in (48 mm)                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Width                     | 1.7 in (44 mm)                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Depth                     | 1.7 in (42 mm)                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Net Weight                | 0.11 lb(US) (0.05 kg)                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| color                     | Dark grey                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |

## Environment

|                                       |                              |
|---------------------------------------|------------------------------|
| Environmental characteristic          | Normal environment           |
| IP degree of protection               | IP20 conforming to IEC 60529 |
| Protective treatment                  | TH IEC 60068                 |
| Ambient Air Temperature for Storage   | -76...176 °F (-60...80 °C)   |
| Ambient Air Temperature for Operation | 23...140 °F (-5...60 °C)     |
| Operating altitude                    | 9842.52 ft (3000 m)          |

## Ordering and shipping details

|                   |               |
|-------------------|---------------|
| Category          | US10I1222341  |
| Discount Schedule | 0I12          |
| GTIN              | 3389110384079 |
| Returnability     | No            |
| Country of origin | CZ            |

## Packing Units

|                              |                     |
|------------------------------|---------------------|
| Unit Type of Package 1       | PCE                 |
| Nbr. of units in pkg.        | 1                   |
| Package 1 Height             | 1.969 in (5.000 cm) |
| Package 1 Width              | 1.575 in (4.000 cm) |
| Package 1 Length             | 1.969 in (5.000 cm) |
| Package weight(Lbs)          | 2.187 oz (62.000 g) |
| Unit Type of Package 2       | S03                 |
| Number of Units in Package 2 | 160                 |

|                  |                           |
|------------------|---------------------------|
| Package 2 Height | 11.811 in (30.000 cm)     |
| Package 2 Width  | 11.811 in (30.000 cm)     |
| Package 2 Length | 15.748 in (40.000 cm)     |
| Package 2 Weight | 22.882 lb(US) (10.379 kg) |

## Contractual warranty

|          |           |
|----------|-----------|
| Warranty | 18 months |
|----------|-----------|

Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

| Environmental footprint                        |                                                                                                                                                                                                                  |
|------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Carbon footprint (kg CO2 eq, Total Life cycle) | 4                                                                                                                                                                                                                |
| Use Better                                     |                                                                                                                                                                                                                  |
| Materials and Substances                       |                                                                                                                                                                                                                  |
| Packaging made with recycled cardboard         | Yes                                                                                                                                                                                                              |
| Packaging without single use plastic           | Yes                                                                                                                                                                                                              |
| <a href="#">EU RoHS Directive</a>              | Compliant                                                                                                                                                                                                        |
| REACH Regulation                               | <a href="#">REACH Declaration</a>                                                                                                                                                                                |
| Use Again                                      |                                                                                                                                                                                                                  |
| Repack and remanufacture                       |                                                                                                                                                                                                                  |
| Circularity Profile                            | No need of specific recycling operations                                                                                                                                                                         |
| Take-back                                      | No                                                                                                                                                                                                               |
| WEEE Label                                     |  The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins. |