

# LADN22G

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



## 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 LC1D09...D80<br>TeSys D LC1DT20...DT40<br>TeSys D LC1DT60A...DT80A<br>TeSys F LC1F<br>TeSys F CR1F<br>TeSys Deca LC1D09...D80<br>TeSys Deca LC1DT20...DT40<br>TeSys Deca LC1DT60A...DT80A |
| 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 120 V AC-15<br>1.04 A 690 V AC-15<br>0.55 A 125 V DC-13<br>0.1 A 600 V DC-13  |
| [Ui] rated insulation voltage               | 690 V IEC 60947-5-1<br>600 V UL<br>600 V CSA  |
| [Ith] conventional free air thermal current | 10 A 140 °F (60 °C)   |
| Standards                                   | EN/IEC 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 IEC 60947-5-1<br>250 A DC 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  |
| 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 0.00...0.01 in <sup>2</sup> (1...4 mm <sup>2</sup> )flexible with cable end<br>Screw clamp terminals 1 0.00...0.01 in <sup>2</sup> (1...4 mm <sup>2</sup> )flexible without cable end<br>Screw clamp terminals 2 0.00...0.00 in <sup>2</sup> (1...2.5 mm <sup>2</sup> )flexible with cable end<br>Screw clamp terminals 2 0.00...0.01 in <sup>2</sup> (1...4 mm <sup>2</sup> )flexible without cable end<br>Screw clamp terminals 1 0.00...0.01 in <sup>2</sup> (1...4 mm <sup>2</sup> )rigid without cable end<br>Screw clamp terminals 2 0.00...0.01 in <sup>2</sup> (1...4 mm <sup>2</sup> )rigid without cable end |
| 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                  | 1.89 in (48 mm)  |
| Width                   | 1.73 in (44 mm)  |
| Depth                   | 1.65 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          | 22341-CONTACTOR,D,K,&F ACCESS |
| Discount Schedule | I12                           |
| GTIN              | 3389110384062                 |
| Returnability     | No                            |
| Country of origin | FR                            |

## Packing Units

|                              |                          |
|------------------------------|--------------------------|
| Unit Type of Package 1       | PCE                      |
| Number of Units in Package 1 | 1                        |
| Package 1 Height             | 1.93 in (4.9 cm)         |
| Package 1 Width              | 1.65 in (4.2 cm)         |
| Package 1 Length             | 2.05 in (5.2 cm)         |
| Package 1 Weight             | 2.19 oz (62 g)           |
| Unit Type of Package 2       | BB1                      |
| Number of Units in Package 2 | 10                       |
| Package 2 Height             | 1.93 in (4.9 cm)         |
| Package 2 Width              | 3.35 in (8.5 cm)         |
| Package 2 Length             | 10.24 in (26 cm)         |
| Package 2 Weight             | 22.43 oz (636 g)         |
| Unit Type of Package 3       | S03                      |
| Number of Units in Package 3 | 160                      |
| Package 3 Height             | 11.81 in (30 cm)         |
| Package 3 Width              | 11.81 in (30 cm)         |
| Package 3 Length             | 15.75 in (40 cm)         |
| Package 3 Weight             | 22.76 lb(US) (10.322 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.    |
| <b>Contractual warranty</b> |   |
| Warranty                    | 18 months   |