

## Product data sheet

### Characteristics

# LAD8N02

Auxiliary contact block, TeSys D, 2NC, side mounting, screw clamp terminals



### Main

|   |   |
|---|---|
| Range                                       | TeSys   |
| Product name                                | TeSys D   |
| Product or component type                   | Auxiliary contact block   |
| Range compatibility                         | TeSys D LC1D<br>TeSys D CAD   |
| Mounting location                           | Side  |
| Pole contact composition                    | 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>UL 60947-5-1<br>CSA C22.2 No 60947-5-1<br>GB/T 14048.5  |
| Product certifications                      | IECEE CB Scheme<br>UL<br>CSA<br>CCC<br>EAC  |

### 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   |
| 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 mm <sup>2</sup> flexible with cable end<br>Screw clamp terminals 1 cable(s) 1...2.5 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...2.5 mm <sup>2</sup> flexible without cable end<br>Screw clamp terminals 1 cable(s) 1...2.5 mm <sup>2</sup> rigid<br>Screw clamp terminals 2 cable(s) 1...2.5 mm <sup>2</sup> rigid |
| Tightening torque             | 1.7 N.M - with screwdriver flat Ø 6 mm<br>1.7 N.m - with screwdriver Philips No 2  |

|        |         |
|--------|---------|
| Height | 76 mm   |
| Width  | 12.5 mm |
| Depth  | 76 mm   |






## 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 Weight             | 60 g   |
| Package 1 Height             | 8 cm   |
| Package 1 width              | 3 cm   |
| Package 1 Length             | 7.3 cm |

## 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   |
| RoHS exemption information |  <a href="#">Yes</a>                           |
| China RoHS Regulation      |  <a href="#">China RoHS Declaration</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       |