

# Product datasheet

Specifications



## Auxiliary contact block, TeSys D, 2NO, side mounting, screw clamp terminals

LAD8N20

### Main

|   |  |
|---|--|
| Range                                       | TeSys  |
| Product name                                | TeSys Deca   |
| Product or component type                   | Auxiliary contact block  |
| Range compatibility                         | TeSys Deca LC1D09...95 AC coil<br>TeSys Deca LC1D40A...80A AC Coil<br>TeSys Deca LC1D115/150<br>TeSys Deca CAD AC coil<br>TeSys F LC1F |
| Mounting location                           | Side   |
| Pole contact composition                    | 2 NO   |
| 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<br>600 V conforming to CSA   |
| [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>EN 50012   |
| Product certifications                      | CB<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 1 s<br>120 A 500 ms<br>140 A 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...4 mm²flexible with cable end<br>Screw clamp terminals 1 cable(s) 1...4 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...4 mm²flexible without cable end<br>Screw clamp terminals 1 cable(s) 1...4 mm²rigid without cable end<br>Screw clamp terminals 2 cable(s) 1...4 mm²rigid without cable end |
| 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                    | 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 Height             | 2.802 cm |
| Package 1 Width              | 7.313 cm |
| Package 1 Length             | 7.861 cm |
| Package 1 Weight             | 61.2 g   |
| Unit Type of Package 2       | S02      |
| Number of Units in Package 2 | 60       |
| Package 2 Height             | 15.0 cm  |
| Package 2 Width              | 30.0 cm  |
| Package 2 Length             | 40.0 cm  |
| Package 2 Weight             | 4.5 kg   |
| Unit Type of Package 3       | P06      |
| Number of Units in Package 3 | 960      |
| Package 3 Height             | 75 cm    |
| Package 3 Width              | 60 cm    |
| Package 3 Length             | 80 cm    |
| Package 3 Weight             | 80 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<br><a href="#">EU RoHS Declaration</a>  |
| Toxic heavy metal free     | Yes   |
| Mercury free               | Yes   |
| China RoHS Regulation      | <a href="#">China RoHS declaration</a><br>Pro-active China RoHS declaration (out of China RoHS legal scope)                 |
| RoHS exemption information | <a href="#">Yes</a>   |
| Environmental Disclosure   | <a href="#">Product Environmental Profile</a>   |
| Circularity Profile        | No need of specific recycling operations  |
| WEEE                       | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins |

Recommended replacement(s)