# Product datasheet

Specifications




## Auxiliary contact block, TeSys D, 1NO + 1NC, front mounting, screw clamp terminals, EN 50012

LADN11G

## 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** | 1 NO + 1 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<br>600 V conforming to CSA |
| **[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>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 |

Excluding VAT, FCA Jabal Ali & are subject to change – check with your local distributor.

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

| | |
|---|---|
| **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…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** | 48 mm |
| **Width** | 26 mm |
| **Depth** | 42 mm |
| **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** | 5.000 cm |
| **Package 1 Width** | 3.000 cm |
| **Package 1 Length** | 4.200 cm |
| **Package 1 Weight** | 34.000 g |
| **Unit Type of Package 2** | S03 |
| **Number of Units in Package 2** | 320 |
| **Package 2 Height** | 30.000 cm |
| **Package 2 Width** | 30.000 cm |
| **Package 2 Length** | 40.000 cm |
| **Package 2 Weight** | 11.482 kg |

## Contractual warranty

| | |
|---|---|
| **Warranty (in months)** | 18 |

## 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

| | |
|---|---|
| Total lifecycle Carbon footprint | **2 kg CO2 eq.** |
| Carbon footprint of the manufacturing phase [A1 to A3] | **0.2 kg CO2 eq.** |
| Carbon footprint of the distribution phase [A4] | **0 kg CO2 eq.** |
| Carbon footprint of the installation phase [A5] | **0 kg CO2 eq.** |
| Carbon footprint of the use phase [B2, B3, B4, B6] | **2 kg CO2 eq.** |
| Carbon footprint of the end-of-life phase [C1 to C4] | **0.1 kg CO2 eq.** |
| Environmental Disclosure | **Product Environmental Profile** |

## Use Better

### Materials and Substances

| | |
|---|---|
| Packaging made with recycled cardboard | **Yes** |
| Packaging without single use plastic | **Yes** |
| EU RoHS Directive | **Compliant** |
| REACh Regulation | **Free of Substances of Very High Concern above the threshold** |

## Use Again

### Repack and remanufacture

| | |
|---|---|
| Recyclability potential, in % | **39** |
| End of life manual availability | **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** |