

# LADN11

## TeSys D - auxiliary contact block - 1 NO + 1 NC - screw clamp terminals



### Main

|                              |  |
|------------------------------|--|
| Commercial Status            | Commercialised   |
| Range of product             | TeSys D<br>TeSys D control relay<br>TeSys F  |
| Product or component type    | Auxiliary contact block  |
| Product compatibility        | CR1F   |
| Auxiliary contacts operation | Instantaneous  |
| Pole contact composition     | 1 NO + 1 NC  |
| Connections - terminals      | Screw clamp terminals 2 cable 1...2.5 mm <sup>2</sup> - cable stiffness: solid - without cable end<br>Screw clamp terminals 2 cable 1...2.5 mm <sup>2</sup> - cable stiffness: solid - with cable end<br>Screw clamp terminals 2 cable 1...2.5 mm <sup>2</sup> - cable stiffness: flexible - without cable end<br>Screw clamp terminals 2 cable 1...2.5 mm <sup>2</sup> - cable stiffness: flexible - with cable end<br>Screw clamp terminals 1 cable 1...2.5 mm <sup>2</sup> - cable stiffness: solid - without cable end<br>Screw clamp terminals 1 cable 1...2.5 mm <sup>2</sup> - cable stiffness: solid - with cable end<br>Screw clamp terminals 1 cable 1...2.5 mm <sup>2</sup> - cable stiffness: flexible - without cable end<br>Screw clamp terminals 1 cable 1...2.5 mm <sup>2</sup> - cable stiffness: flexible - with cable end |

### Complementary

|   |   |
|---|---|
| Mounting location                           | Front   |
| [Ui] rated insulation voltage               | 600 V - certifications CSA<br>690 V - conforming to IEC 60947-5-1<br>600 V - certifications UL                                    |
| [Ue] rated operational voltage              | 690 V AC 25...400 Hz  |
| [Ith] conventional free air thermal current | 10 A at ≤ 60 °C   |
| Irms rated making capacity                  | 250 A at ≤ 690 V DC conforming to IEC 60947-5-1<br>140 A at ≤ 690 V AC conforming to IEC 60947-5-1                                |
| Permissible short-time rating               | 140 A at -5...60 °C 100 ms<br>120 A at -5...60 °C 500 ms<br>100 A at -5...60 °C 1 s   |
| Protection type                             | GG fuse ≤ 10 A rating according to operational current for Ue ≤ 690 V   |
| Associated fuse rating                      | IEC 60947-5-1   |
| Mechanical durability                       | 30 Mcycles  |
| Minimum switching current                   | 5 mA  |
| Minimum switching voltage                   | 17 V  |
| Non-overlap time                            | 1.5 ms on energisation (no overlap between NC and NO contact)<br>1.5 ms on de-energisation (no overlap between NC and NO contact) |
| Overlap time                                | 1.5 ms  |
| Insulation resistance                       | > 10 MOhm   |
| Product weight                              | 0.03 kg   |

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## Environment

|                                       |   |
|---------------------------------------|---|
| Environmental characteristic          | Normal environment  |
| Standards                             | BS 4794<br>EN 60947-5-1<br>IEC 60947-5-1<br>NF C 63-140<br>VDE 0660 |
| Product certifications                | CSA<br>UL   |
| IP degree of protection               | IP2x conforming to VDE 0106   |
| Protective treatment                  | TH conforming to IEC 60068  |
| Ambient air temperature for operation | -5...60 °C  |
| Ambient air temperature for storage   | -60...80 °C   |
| Operating altitude                    | 3000 m without derating in temperature                              |

## RoHS compliance

|                                |           |
|--------------------------------|-----------|
| RoHS EUR status                | Compliant |
| RoHS EUR conformity date(YYWW) | 0629      |

## Contractual warranty

|        |           |
|--------|-----------|
| Period | 18 months |
|--------|-----------|