

# LADN31

TeSys D - auxiliary contact block - 3 NO + 1 NC - screw-clamps terminals



## Main

|                              |  |
|------------------------------|--|
| Range of product             | TeSys D control relay<br>TeSys D<br>TeSys F  |
| Range                        | TeSys  |
| Device short name            | LADN   |
| Product or component type    | Auxiliary contact block  |
| Range compatibility          | TeSys D CR1F Contactor   |
| Auxiliary contacts operation | Instantaneous  |
| Pole contact composition     | 3 NO + 1 NC  |
| Connections - terminals      | Screw clamp terminals 1 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: flexible - 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: solid - 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 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: solid - with cable end<br>Screw clamp terminals 2 cable 1...2.5 mm <sup>2</sup> - cable stiffness: solid - without cable end |

## Complementary

|   |  |
|---|--|
| Mounting location                           | Front  |
| [Ui] rated insulation voltage               | 690 V - conforming to IEC 60947-5-1<br>600 V - certifications CSA<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                  | 140 A at ≤ 690 V AC conforming to IEC 60947-5-1<br>250 A at ≤ 690 V DC conforming to IEC 60947-5-1 |
| Permissible short-time rating               | 100 A at -5...60 °C 1 s<br>120 A at -5...60 °C 500 ms<br>140 A at -5...60 °C 100 ms                |
| Protection type                             | GG fuse ≤ 10 A rating according to operational current for Ue ≤ 690 V                              |

|                           |   |
|---------------------------|---|
| Associated fuse rating    | 10 A gG 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 de-energisation (no overlap between NC and NO contact)<br>1.5 ms on energisation (no overlap between NC and NO contact) |
| Overlap time              | 1.5 ms  |
| Insulation resistance     | > 10 MOhm   |
| Product weight            | 0.05 kg   |

## Environment

|                                       |   |
|---------------------------------------|---|
| Environmental characteristic          | Normal environment  |
| Standards                             | BS 4794<br>IEC 60947-5-1<br>VDE 0660<br>NF C 63-140<br>EN 60947-5-1 |
| 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                              |

## Offer Sustainability

|                                  |   |
|----------------------------------|---|
| Sustainable offer status         | Green Premium product   |
| RoHS (date code: YYWW)           | Compliant - since 0629 - Schneider Electric declaration of conformity<br><a href="#">Schneider Electric declaration of conformity</a> |
| REACH                            | Reference not containing SVHC above the threshold<br><a href="#">Reference not containing SVHC above the threshold</a>                |
| Product environmental profile    | Available<br><a href="#">Product environmental</a>  |
| Product end of life instructions | Need no specific recycling operations<br><a href="#">Product environmental</a>  |

## Contractual warranty

|                 |           |
|-----------------|-----------|
| Warranty period | 18 months |
|-----------------|-----------|