# *Product datasheet*
## *Characteristics*

# LADN02




## Main

| | |
|---|---|
| Range of product | TeSys D<br>TeSys D control relay<br>TeSys F |
| Range | TeSys |
| Product or component type | Auxiliary contact block |
| Auxiliary contacts operation | Instantaneous |
| Pole contact composition | 2 NC |
| Connections - terminals | Screw clamp terminals 1 cable 0...0 in² (1...2.5 mm²) - cable stiffness: flexible - with cable end<br>Screw clamp terminals 1 cable 0...0 in² (1...2.5 mm²) - cable stiffness: flexible - without cable end<br>Screw clamp terminals 1 cable 0...0 in² (1...2.5 mm²) - cable stiffness: solid - with cable end<br>Screw clamp terminals 1 cable 0...0 in² (1...2.5 mm²) - cable stiffness: solid - without cable end<br>Screw clamp terminals 2 cable 0...0 in² (1...2.5 mm²) - cable stiffness: flexible - with cable end<br>Screw clamp terminals 2 cable 0...0 in² (1...2.5 mm²) - cable stiffness: flexible - without cable end<br>Screw clamp terminals 2 cable 0...0 in² (1...2.5 mm²) - cable stiffness: solid - with cable end<br>Screw clamp terminals 2 cable 0...0 in² (1...2.5 mm²) - 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 |
| System Voltage | 690 V AC 25...400 Hz |
| [Ith] conventional free air thermal current | 10 A at <= 140 °F (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 60 °C 1 s<br>120 A at 60 °C 500 ms<br>140 A at 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 |

## Environment

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|---|---|
| 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 |

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|---|---|
| IP degree of protection | IP2x conforming to VDE 0106 |
| protective treatment | TH conforming to IEC 60068 |
| ambient air temperature for operation | 23...140 °F (-5...60 °C) |
| ambient air temperature for storage | -76...176 °F (-60...80 °C) |
| operating altitude | 9842.52 ft (3000 m) without derating in temperature |

## Offer Sustainability

| | |
|---|---|
| Green Premium product | Green Premium product |
| Compliant - since 0629 - Schneider Electric declaration of conformity | Compliant - since 0629 - Schneider Electric declaration of conformity |
| Reference not containing SVHC above the threshold | Reference not containing SVHC above the threshold |
| Available | Available |
| Need no specific recycling operations | Need no specific recycling operations |

## Contractual warranty

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