# Product data sheet
## Characteristics

# LADT4
## TeSys D - time delay auxiliary contact block - 1NO + 1NC - screw clamp terminals




### Main

| | |
|---|---|
| Commercial Status | Commercialised |
| Range of product | TeSys D<br>TeSys F |
| Product or component type | Time delay auxiliary contact block |
| Pole contact composition | 1 NO + 1 NC |
| Connections - terminals | Screw clamp terminals 2 cable 1...2.5 mm² - cable stiffness: solid - without cable end<br>Screw clamp terminals 2 cable 1...2.5 mm² - cable stiffness: solid - with cable end<br>Screw clamp terminals 2 cable 1...2.5 mm² - cable stiffness: flexible - without cable end<br>Screw clamp terminals 2 cable 1...2.5 mm² - cable stiffness: flexible - with cable end<br>Screw clamp terminals 1 cable 1...2.5 mm² - cable stiffness: solid - without cable end<br>Screw clamp terminals 1 cable 1...2.5 mm² - cable stiffness: solid - with cable end<br>Screw clamp terminals 1 cable 1...2.5 mm² - cable stiffness: flexible - without cable end<br>Screw clamp terminals 1 cable 1...2.5 mm² - 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 | 5 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) |
| Timer type | On delay |
| Time delay range | 10...180 s |
| Insulation resistance | > 10 MOhm |
| Product weight | 0.06 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 |

## Contractual warranty

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