

# LADT2

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



## Main

|                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|---------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Range                     | TeSys                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 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 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                      | 10 A gG 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                            | 0.1...30 s                                                                                                                        |
| Insulation resistance                       | > 10 MOhm                                                                                                                         |

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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                              |