

## Product data sheet

### Characteristics

## LADT2

TeSys; TeSys Deca, Time delay contact block, TeSys Deca, 1NO+1NC, on-delay 1-30s, front



### Main

|                                             |                                                                                                                     |
|---------------------------------------------|---------------------------------------------------------------------------------------------------------------------|
| Range                                       | TeSys<br>TeSys Deca                                                                                                 |
| Product name                                | TeSys Deca                                                                                                          |
| Product or component type                   | Time delay auxiliary contact block                                                                                  |
| Range compatibility                         | TeSys Deca CAD[RETURN]TeSys Deca LC1D[RETURN]TeSys F LC1F[RETURN]TeSys F CR1F                                       |
| Mounting location                           | Front                                                                                                               |
| Pole contact composition                    | 1 NO + 1 NC                                                                                                         |
| Contacts operation                          | Time delay                                                                                                          |
| Timer type                                  | On delay                                                                                                            |
| Time delay range                            | 1...30 s                                                                                                            |
| [Ue] rated operational voltage              | 690 V AC 25...400 Hz                                                                                                |
| [Ie] rated operational current              | 6 A at 120 V AC-15<br>1.04 A at 690 V AC-15<br>0.55 A at 125 V DC-13<br>0.1 A at 600 V DC-13                        |
| [Ui] rated insulation voltage               | 690 V conforming to IEC 60947-5-1<br>600 V conforming to UL 60947-5-1<br>600 V conforming to CSA C22.2 No 60947-5-1 |
| [Ith] conventional free air thermal current | 10 A (at 60 °C)                                                                                                     |
| Standards                                   | CSA C22.2 No 60947-5-1<br>GB/T 14048.5<br>EN/IEC 60947-5-1                                                          |
| Product certifications                      | IECEE CB<br>Scheme[RETURN]JUL[RETURN]CSA[RETURN]CCC[RETURN]IEA                                                      |

### Complementary

|                               |                                                                                                                               |
|-------------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| 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 60 °C 1 s<br>120 A 60 °C 500 ms<br>140 A 60 °C 100 ms                                                                   |
| Protection type               | GG fuse 10 A                                                                                                                  |
| Mechanical durability         | 5 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 |
| Insulation resistance         | > 10 MOhm                                                                                                                     |

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Connections - terminals | Screw clamp terminals 1 cable(s) 1...2.5 mm²flexible with cable end<br>Screw clamp terminals 1 cable(s) 1...2.5 mm²flexible without cable end<br>Screw clamp terminals 2 cable(s) 1...2.5 mm²flexible with cable end<br>Screw clamp terminals 2 cable(s) 1...2.5 mm²flexible without cable end<br>Screw clamp terminals 1 cable(s) 1...2.5 mm²rigid<br>Screw clamp terminals 2 cable(s) 1...2.5 mm²rigid<br>Screw clamp terminals |
| Tightening torque       | 1.7 N.M - with screwdriver flat Ø 6 mm<br>1.7 N.M - with screwdriver Philips No 2<br>1.7 N.m - with screwdriver pozidriv No 2                                                                                                                                                                                                                                                                                                     |
| Height                  | 48 mm                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Width                   | 44 mm                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Depth                   | 61 mm                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Colour                  | Dark grey                                                                                                                                                                                                                                                                                                                                                                                                                         |

## Environment

|                                       |                              |
|---------------------------------------|------------------------------|
| Environmental characteristic          | Normal environment           |
| IP degree of protection               | IP20 conforming to IEC 60529 |
| Protective treatment                  | TH conforming to IEC 60068   |
| Ambient air temperature for storage   | -60...80 °C                  |
| Ambient air temperature for operation | -40...70 °C                  |
| Operating altitude                    | 3000 m                       |

## Packing Units

|                              |        |
|------------------------------|--------|
| Unit Type of Package 1       | PCE    |
| Number of Units in Package 1 | 1      |
| Package 1 Height             | 5.2 cm |
| Package 1 Width              | 6.5 cm |
| Package 1 Length             | 5 cm   |
| Package 1 Weight             | 74 g   |
| Unit Type of Package 2       | BB1    |
| Number of Units in Package 2 | 10     |
| Package 2 Height             | 5.2 cm |
| Package 2 Width              | 13 cm  |
| Package 2 Length             | 24 cm  |
| Package 2 Weight             | 752 g  |
| Unit Type of Package 3       | S03    |
| Number of Units in Package 3 | 140    |
| Package 3 Height             | 30 cm  |
| Package 3 Width              | 30 cm  |
| Package 3 Length             | 40 cm  |
| Package 3 Weight             | 11 kg  |

## Offer Sustainability

|                            |                                                                                                                                   |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| Sustainable offer status   | Green Premium product                                                                                                             |
| REACH Regulation           |  <a href="#">REACH Declaration</a>             |
| EU RoHS Directive          | Compliant with Exemptions                                                                                                         |
| Mercury free               | Yes                                                                                                                               |
| China RoHS Regulation      |  <a href="#">China RoHS Declaration</a>        |
| RoHS exemption information |  <a href="#">Yes</a>                           |
| Environmental Disclosure   |  <a href="#">Product Environmental Profile</a> |
| Circularity Profile        | No need of specific recycling operations                                                                                          |
| WEEE                       | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins       |
| PVC free                   | Yes                                                                                                                               |