

# Product data sheet

Specifications



Time delay auxiliary contact block, TeSys Deca, 1NO + 1NC, off delay 10-180s, front, screw clamp terminals

LADR4

## Main

|   |   |
|---|---|
| Range                                       | TeSys<br>TeSys Deca   |
| Product name                                | TeSys D<br>TeSys Deca   |
| Product or component type                   | Time delay auxiliary contact block  |
| Range compatibility                         | TeSys D CAD<br>TeSys D LC1D<br>TeSys F LC1F<br>TeSys F CR1F<br>TeSys Deca CAD<br>TeSys Deca LC1D                    |
| Mounting location                           | Front   |
| Pole contact composition                    | 1 NO + 1 NC   |
| Contacts operation                          | Time delay  |
| Timer type                                  | Off delay   |
| Time delay range                            | 10...180 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                                   | EN/IEC 60947-5-1<br>UL 60947-5-1<br>CSA C22.2 No 60947-5-1<br>GB/T 14048.5  |
| Product certifications                      | IECEE CB Scheme<br>UL<br>CSA<br>CCC<br>EAC<br>UKCA  |

## 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  |

|                           |   |
|---------------------------|---|
|                           | 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 1 cable(s) 1...2.5 mm²rigid<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 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   |
| Colour                    | Dark grey   |
| Height                    | 48 mm   |
| Width                     | 44 mm   |
| Depth                     | 61 mm   |

## 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 Weight             | 75.6 g    |
| Package 1 Height             | 5.2 cm    |
| Package 1 width              | 6.5 cm    |
| Package 1 Length             | 5 cm      |
| Unit Type of Package 2       | BB1       |
| Number of Units in Package 2 | 10        |
| Package 2 Weight             | 756 g     |
| Package 2 Height             | 5.2 cm    |
| Package 2 width              | 12.8 cm   |
| Package 2 Length             | 24 cm     |
| Unit Type of Package 3       | S03       |
| Number of Units in Package 3 | 140       |
| Package 3 Weight             | 11.129 kg |
| Package 3 Height             | 30 cm     |

|                  |       |
|------------------|-------|
| Package 3 width  | 30 cm |
| Package 3 Length | 40 cm |

Offer Sustainability

|                            |   |
|----------------------------|---|
| Sustainable offer status   | Green Premium product   |
| REACH Regulation           | <a href="#">REACH Declaration</a>   |
| REACH free of SVHC         | Yes   |
| EU RoHS Directive          | Compliant<br><a href="#">EU RoHS Declaration</a>  |
| Mercury free               | Yes   |
| RoHS exemption information | <a href="#">Yes</a>   |
| China RoHS Regulation      | <a href="#">China RoHS declaration</a><br>Product out of China RoHS scope. Substance declaration for your information       |
| Environmental Disclosure   | <a href="#">Product Environmental Profile</a>   |
| WEEE                       | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins |
| PVC free                   | Yes   |
| California proposition 65  | WARNING: Cancer - <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>  |