



## Main

|                                             |                                                                                              |
|---------------------------------------------|----------------------------------------------------------------------------------------------|
| Range                                       | TeSys                                                                                        |
| Range of product                            | TeSys D                                                                                      |
| 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                                  |
| Mounting location                           | Front                                                                                        |
| Pole contact composition                    | 1 NO + 1 NC                                                                                  |
| Auxiliary contacts operation                | Time delay                                                                                   |
| Timer type                                  | Off delay                                                                                    |
| Time delay range                            | 1...30 s                                                                                     |
| [Ue] rated operational voltage              | 690 V AC 25...400 Hz                                                                         |
| [Ui] rated insulation voltage               | 690 V conforming to IEC 60947-5-1<br>600 V - certifications UL<br>600 V - certifications CSA |
| [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                                                   |

## 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 mm <sup>2</sup> flexible with cable end<br>Screw clamp terminals 1 cable(s) 1...2.5 mm <sup>2</sup> flexible without cable end<br>Screw clamp terminals 2 cable(s) 1...2.5 mm <sup>2</sup> flexible with cable end<br>Screw clamp terminals 2 cable(s) 1...2.5 mm <sup>2</sup> flexible without cable end<br>Screw clamp terminals 1 cable(s) 1...2.5 mm <sup>2</sup> solid<br>Screw clamp terminals 2 cable(s) 1...2.5 mm <sup>2</sup> solid<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                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 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

|                  |          |
|------------------|----------|
| Package 1 Weight | 0.077 Kg |
| Package 1 Height | 0.520 Dm |
| Package 1 width  | 0.650 Dm |
| Package 1 Length | 0.500 Dm |

## Offer Sustainability

|                            |                                                                                                                             |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| Sustainable offer status   | Green Premium product                                                                                                       |
| REACH Regulation           | <a href="#">REACH Declaration</a>                                                                                           |
| EU RoHS Directive          | Compliant <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>                                                                                      |
| 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                                                                                                                         |

## Contractual warranty

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

Product Life Status : **Commercialised**