



### Main

|                              |  |
|------------------------------|--|
| Range of product             | TeSys D control relay<br>TeSys F<br>TeSys D  |
| Range                        | TeSys  |
| Product or component type    | Auxiliary contact block  |
| Auxiliary contacts operation | Instantaneous  |
| Pole contact composition     | 4 NC   |
| 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 with cable end<br>Screw clamp terminals 1 cable(s) 1...2.5 mm <sup>2</sup> solid without cable end<br>Screw clamp terminals 2 cable(s) 1...2.5 mm <sup>2</sup> solid with cable end<br>Screw clamp terminals 2 cable(s) 1...2.5 mm <sup>2</sup> solid without cable end |

### Complementary

|   |  |
|---|--|
| Mounting location                           | Front  |
| [Ui] rated insulation voltage               | 600 V - certifications UL<br>690 V conforming to IEC 60947-5-1<br>600 V - certifications CSA         |
| [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                  | 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 rating according to operational current for Ue <= 690 V                                 |
| Associated fuse rating                      | 10 A gG conforming to IEC 60947-5-1  |
| Mechanical durability                       | 30 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 |
| Overlap time              | 1.5 ms  |
| Insulation resistance     | > 10 MOhm   |
| Net weight                | 0.05 kg   |

## Environment

|                                       |   |
|---------------------------------------|---|
| Environmental characteristic          | Normal environment  |
| Standards                             | EN 60947-5-1<br>NF C 63-140<br>VDE 0660<br>IEC 60947-5-1<br>BS 4794 |
| 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  |

## 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>  |
| Toxic heavy metal free     | Yes   |
| Mercury free               | Yes   |
| RoHS exemption information | <a href="#">Yes</a>   |
| China RoHS Regulation      | <a href="#">China RoHS declaration</a><br>Pro-active China RoHS declaration (out of China RoHS legal scope)                 |
| 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 |

## Contractual warranty

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