



Main

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| Range of product | TeSys K |
| Product or component type | Auxiliary contact block |
| Product compatibility | TeSys K contactor CA2K CA3K TeSys K reversing contactor |
| Pole contact composition | 2 NO + 2 NC |
| Connections - terminals | Control circuit: screw clamp terminals 1 cable 1.5...4 mm ² - cable stiffness: solid Control circuit: screw clamp terminals 1 cable 0.75...4 mm ² - cable stiffness: flexible - without cable end Control circuit: screw clamp terminals 2 cable 1.5...4 mm ² - cable stiffness: solid Control circuit: screw clamp terminals 1 cable 0.34...1.5 mm ² - cable stiffness: flexible - with cable end Control circuit: screw clamp terminals 1 cable 0.34...2.5 mm ² - cable stiffness: flexible - with cable end Control circuit: screw clamp terminals 2 cable 0.75...4 mm ² - cable stiffness: flexible - without cable end |

Complementary

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| Mounting location | Front |
| [Ui] rated insulation voltage | 600 V - for control circuit - conforming to CSA C22-2 690 V - for control circuit - conforming to IEC 60947 690 V - for control circuit - conforming to BS 5424 750 V - for control circuit - conforming to VDE 0010 group C |
| [Ue] rated operational voltage | <= 690 V AC <= 400 Hz for control circuit |
| [Ith] conventional free air thermal current | 10 A at <= 50 °C for control circuit |
| Irms rated making capacity | 110 A at <= 690 V AC for control circuit conforming to IEC 60947 |
| Permissible short-time rating | 110 A 100 s for control circuit 80 A for control circuit 90 A 500 s for control circuit |
| Associated fuse rating | 10 A gG <= 690 V control circuit VDE 0660 10 A gG <= 690 V control circuit IEC 60947 |
| Minimum switching current | 5 mA for control circuit |
| Minimum switching voltage | 17 V for control circuit |
| Insulation resistance | > 10 MOhm for control circuit |

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

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| Rated operational power in VA | <p>14 VA at 48 V AC-15 - electrical durability: 1000000 cycles - for control circuit</p> <p>800 VA at 380...400 V AC-15 - electrical durability: 1000000 cycles - for control circuit</p> <p>240 VA at 110...127 V AC-15 - electrical durability: 1000000 cycles - for control circuit</p> <p>17 VA at 24 V AC-15 - electrical durability: 3000000 cycles - for control circuit</p> <p>200 VA at 600...690 V AC-15 - electrical durability: 10000000 cycles - for control circuit</p> <p>500 VA at 600...690 V AC-15 - electrical durability: 3000000 cycles - for control circuit</p> <p>132 VA at 440 V AC-15 - electrical durability: 10000000 cycles - for control circuit</p> <p>66 VA at 220...230 V AC-15 - electrical durability: 10000000 cycles - for control circuit</p> <p>880 VA at 440 V AC-15 - electrical durability: 1000000 cycles - for control circuit</p> <p>317 VA at 440 V AC-15 - electrical durability: 3000000 cycles - for control circuit</p> <p>36 VA at 110...127 V AC-15 - electrical durability: 10000000 cycles - for control circuit</p> <p>7 VA at 24 V AC-15 - electrical durability: 10000000 cycles - for control circuit</p> <p>34 VA at 48 V AC-15 - electrical durability: 3000000 cycles - for control circuit</p> <p>440 VA at 220...230 V AC-15 - electrical durability: 1000000 cycles - for control circuit</p> <p>120 VA at 380...400 V AC-15 - electrical durability: 10000000 cycles - for control circuit</p> <p>86 VA at 110...127 V AC-15 - electrical durability: 3000000 cycles - for control circuit</p> <p>48 VA at 24 V AC-15 - electrical durability: 1000000 cycles - for control circuit</p> <p>96 VA at 48 V AC-15 - electrical durability: 1000000 cycles - for control circuit</p> <p>288 VA at 380...400 V AC-15 - electrical durability: 3000000 cycles - for control circuit</p> <p>158 VA at 220...230 V AC-15 - electrical durability: 3000000 cycles - for control circuit</p> <p>1200 VA at 600...690 V AC-15 - electrical durability: 1000000 cycles - for control circuit</p> |
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| Rated operational power in W | <p>80 W at 48 V DC-13 - electrical durability: 1000000 cycles - for control circuit</p> <p>28 W at 220 V DC-13 - electrical durability: 3000000 cycles - for control circuit</p> <p>120 W at 24 V DC-13 - electrical durability: 1000000 cycles - for control circuit</p> <p>30 W at 110 V DC-13 - electrical durability: 3000000 cycles - for control circuit</p> <p>9 W at 110 V DC-13 - electrical durability: 10000000 cycles - for control circuit</p> <p>50 W at 600 V DC-13 - electrical durability: 1000000 cycles - for control circuit</p> <p>25 W at 600 V DC-13 - electrical durability: 3000000 cycles - for control circuit</p> <p>51 W at 440 V DC-13 - electrical durability: 1000000 cycles - for control circuit</p> <p>52 W at 220 V DC-13 - electrical durability: 1000000 cycles - for control circuit</p> <p>8 W at 220 V DC-13 - electrical durability: 10000000 cycles - for control circuit</p> <p>15 W at 24 V DC-13 - electrical durability: 10000000 cycles - for control circuit</p> <p>6 W at 600 V DC-13 - electrical durability: 10000000 cycles - for control circuit</p> <p>60 W at 110 V DC-13 - electrical durability: 1000000 cycles - for control circuit</p> <p>11 W at 48 V DC-13 - electrical durability: 10000000 cycles - for control circuit</p> <p>26 W at 440 V DC-13 - electrical durability: 3000000 cycles - for control circuit</p> <p>7 W at 440 V DC-13 - electrical durability: 10000000 cycles - for control circuit</p> <p>38 W at 48 V DC-13 - electrical durability: 3000000 cycles - for control circuit</p> <p>55 W at 24 V DC-13 - electrical durability: 3000000 cycles - for control circuit</p> |
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| Tightening torque | <p>Control circuit: 0.8 N.m...1.3 nm - on screw clamp terminals - cable 1.5...4 mm² - with screwdriver Philips No 2 M6</p> <p>Control circuit: 0.8 N.m...1.3 nm - on screw clamp terminals - cable 0.34...2.5 mm² - with screwdriver Philips No 2 M6</p> <p>Control circuit: 0.8 N.m...1.3 nm - on screw clamp terminals - cable 0.75...4 mm² - with screwdriver Philips No 2 M6</p> |
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| Product weight | 0.045 kg |
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Environment

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| Environmental characteristic | Normal environment |
| Standards | IEC 60947 VDE 0660 NF C 63-110 BS 5424 |
| Product certifications | UL CSA |
| IP degree of protection | IP2x conforming to VDE 0106 |
| Protective treatment | TC conforming to IEC 60068 |
| Ambient air temperature for operation | -25...50 °C |
| Ambient air temperature for storage | -50...80 °C |
| Operating altitude | 2000 m without derating in temperature |