



Main

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

Complementary

Mounting location	Front
[Ui] rated insulation voltage	690 V - for control circuit - conforming to BS 5424 600 V - for control circuit - conforming to CSA C22-2 690 V - for control circuit - conforming to IEC 60947 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	80 A for control circuit 90 A 500 s for control circuit 110 A 100 s for control circuit
Associated fuse rating	10 A gG <= 690 V control circuit IEC 60947 10 A gG <= 690 V control circuit VDE 0660
Minimum switching current	5 mA for control circuit
Minimum switching voltage	17 V for control circuit
Insulation resistance	> 10 MOhm for control circuit

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Rated operational power in VA	<p>66 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: 1000000 cycles - for control circuit</p> <p>132 VA at 440 V AC-15 - electrical durability: 1000000 cycles - for control circuit</p> <p>200 VA at 600...690 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>880 VA at 440 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>1200 VA at 600...690 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>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>36 VA at 110...127 V AC-15 - electrical durability: 1000000 cycles - for control circuit</p> <p>500 VA at 600...690 V AC-15 - electrical durability: 3000000 cycles - for control circuit</p> <p>86 VA at 110...127 V AC-15 - electrical durability: 3000000 cycles - for control circuit</p> <p>34 VA at 48 V AC-15 - electrical durability: 3000000 cycles - for control circuit</p> <p>7 VA at 24 V AC-15 - electrical durability: 10000000 cycles - for control circuit</p> <p>440 VA at 220...230 V AC-15 - electrical durability: 1000000 cycles - for control circuit</p> <p>14 VA at 48 V AC-15 - electrical durability: 10000000 cycles - for control circuit</p> <p>17 VA at 24 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>288 VA at 380...400 V AC-15 - electrical durability: 3000000 cycles - for control circuit</p>
Rated operational power in W	<p>25 W at 600 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>28 W at 220 V DC-13 - electrical durability: 3000000 cycles - for control circuit</p> <p>50 W at 600 V DC-13 - electrical durability: 1000000 cycles - for control circuit</p> <p>80 W at 48 V DC-13 - electrical durability: 1000000 cycles - for control circuit</p> <p>15 W at 24 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>51 W at 440 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>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>55 W at 24 V DC-13 - electrical durability: 3000000 cycles - for control circuit</p> <p>38 W at 48 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>11 W at 48 V DC-13 - electrical durability: 10000000 cycles - for control circuit</p> <p>52 W at 220 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>
Tightening torque	<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> <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 1.5...4 mm² - with screwdriver Philips No 2 M6</p>
Product weight	0.045 kg

Environment

Environmental characteristic	Normal environment
Standards	IEC 60947 VDE 0660 BS 5424 NF C 63-110
Product certifications	CSA UL
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