

## 主

Range	TeSys
Product name	TeSys CAK
產品或部件的類型	Control relay
設備簡稱	CA3K
Contactor application	Control circuit
Utilisation category	AC-15 DC-13
Pole contact composition	3 NO + 1 NC
[Ue]額定工作電壓	<= 690 V <= 400 Hz
Control circuit type	DC standard
Control circuit voltage	24 V DC

## 補充

[Ith] conventional free air thermal current	10 A at <= 50 °C
Irms rated making capacity	110 A 符合 IEC 60947
Associated fuse rating	10 A gG 符合 IEC 60947 10 A gG 符合 VDE 0660
[Uij] rated insulation voltage	690 V 符合 BS 5424 690 V 符合 IEC 60947 750 V 符合 VDE 0110 group C 600 V 符合 CSA C22.2 No 14
Mounting support	Plate Rail
Connections - terminals	Screw clamp terminals 1 cable(s) 1.5...4 mm <sup>2</sup> - cable stiffness: solid Screw clamp terminals 2 cable(s) 1.5...4 mm <sup>2</sup> - cable stiffness: solid Screw clamp terminals 2 cable(s) 0.75...4 mm <sup>2</sup> - cable stiffness: flexible - without cable end Screw clamp terminals 1 cable(s) 0.75...4 mm <sup>2</sup> - cable stiffness: flexible - with cable end Screw clamp terminals 1 cable(s) 0.34...1.5 mm <sup>2</sup> - cable stiffness: flexible - with cable end Screw clamp terminals 2 cable(s) 0.34...1.5 mm <sup>2</sup> - cable stiffness: flexible - without cable end
Tightening torque	1.3 N.m - on screw clamp terminals - with screwdriver Philips No 2 6 mm 1.3 N.m - on screw clamp terminals - with screwdriver flat Ø 6 mm
Control circuit voltage limits	0.8...1.15 U <sub>c</sub> at 50 °C operational 0.1...0.75 U <sub>c</sub> at 50 °C drop-out
Operating time	10 ms coil de-energisation and NO opening 15 ms coil de-energisation and NC closing 25...35 ms coil energisation and NC opening 30...40 ms coil energisation and NO closing
Mechanical durability	20 Mcycles
Operating rate	10000 cyc/h
Immunity to microbreaks	2 ms
Inrush power in W	3 W at 20 °C
Hold-in power consumption in W	3 W at 20 °C
Heat dissipation	3 W
Minimum switching voltage	17 V
Minimum switching current	5 mA
Non overlap distance	0.5 mm
Insulation resistance	> 10 MOhm
高度	58 mm

寬度	45 mm
深度	57 mm
產品重量	0.225 kg

## 環境

標準	BS 5424 IEC 60947 NF C 63-140 VDE 0660
產品認證	CSA UL 標準
IP degree of protection	IP2x
protective treatment	TC 符合 IEC 60068
對於運行的環境空氣溫度	-25...50 °C
對於存儲的環境空氣溫度	-50...80 °C
operating altitude	2000 m without derating in temperature
flame retardance	V1 符合 UL 94 Requirement 2 符合 NF F 16-101 Requirement 2 符合 NF F 16-102
mechanical robustness	Vibrations contactor closed 4 Gn, 5...300 Hz IEC 60068-2-6 Vibrations contactor open 2 Gn, 5...300 Hz IEC 60068-2-6 Shocks contactor open 10 Gn for 11 ms IEC 60068-2-27 Shocks contactor closed 15 Gn for 11 ms IEC 60068-2-27

## Offer Sustainability

Green Premium product	Green Premium product
Compliant - since 0633 - Schneider Electric declaration of conformity	Compliant - since 0633 - Schneider Electric declaration of conformity
Reference not containing SVHC above the threshold	Reference not containing SVHC above the threshold
Available	Available
Need no specific recycling operations	Need no specific recycling operations

## Contractual warranty

Warranty period	18 months
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