

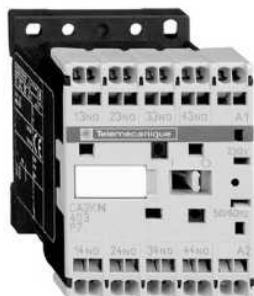
# CA2KN313F7

TeSys K control relay - 3 NO + 1 NC - ≤ 690 V -  
110 V AC coil



Product availability: Non-Stock - Not normally stocked in distribution facility

Price\*: 35.50 USD



## Main

Commercial Status	Commercialised
Range	TeSys
Product name	TeSys CAK
Product or component type	Control relay
Device short name	CA2K
Contactor application	Control circuit
Utilisation category	AC-15 DC-13
Pole contact composition	3 NO + 1 NC
System Voltage	≤ 690 V ≤ 400 Hz
Control circuit type	AC 50/60 Hz
Control circuit voltage	110 V AC 50/60 Hz

## Complementary

[Ith] conventional free air thermal current	10 A at ≤ 122 °F (50 °C)
Irms rated making capacity	110 A conforming to IEC 60947
Associated fuse rating	10 A gG conforming to VDE 0660 10 A gG conforming to IEC 60947
[Ui] rated insulation voltage	600 V conforming to CSA C22.2 No 14 690 V conforming to BS 5424 750 V conforming to VDE 0110 group C 690 V conforming to IEC 60947
Mounting support	Plate Rail
Connections - terminals	Spring terminals 1 cable(s) 0...0 in <sup>2</sup> (0.75...1.5 mm <sup>2</sup> ) - cable stiffness: flexible - without cable end Spring terminals 1 cable(s) 0...0 in <sup>2</sup> (0.75...1.5 mm <sup>2</sup> ) - cable stiffness: solid
Control circuit voltage limits	0.8...1.15 Uc at 122 °F (50 °C) operational 0.2...0.75 Uc at 122 °F (50 °C) drop-out
Operating time	5...15 ms coil energisation and NC opening 15...25 ms coil de-energisation and NC closing 10...20 ms coil energisation and NO closing 10...20 ms coil de-energisation and NO opening
Mechanical durability	10 Mcycles
Operating rate	10000 cyc/h
Immunity to microbreaks	2 ms
Inrush power in VA	30 VA at 68 °F (20 °C)
Hold-in power consumption in VA	4.5 VA at 68 °F (20 °C)
Heat dissipation	1.3 W
Minimum switching voltage	17 V
Minimum switching current	5 mA

Non overlap distance	0.02 in (0.5 mm)
Insulation resistance	> 10 MOhm
Height	2.28 in (58 mm)
Width	1.77 in (45 mm)
Depth	2.24 in (57 mm)
Product weight	0.4 lb(US) (0.18 kg)

## Environment

Standards	BS 5424 IEC 60947 NF C 63-140 VDE 0660
Product certifications	CSA UL
Protective treatment	TC conforming to IEC 60068
Ambient air temperature for operation	-13...122 °F (-25...50 °C)
Ambient air temperature for storage	-58...176 °F (-50...80 °C)
Operating altitude	6561.68 ft (2000 m) without derating in temperature
Flame retardance	Requirement 2 conforming to NF F 16-102 Requirement 2 conforming to NF F 16-101 V1 conforming to UL 94
Mechanical robustness	Shocks contactor closed 15 Gn for 11 ms IEC 60068-2-27 Shocks contactor open 10 Gn for 11 ms IEC 60068-2-27 Vibrations contactor closed 4 Gn, 5...300 Hz IEC 60068-2-6 Vibrations contactor open 2 Gn, 5...300 Hz IEC 60068-2-6

## Ordering and shipping details

Category	22371 - RELAYS, CONTROL
Discount Schedule	I12
GTIN	00785901468776
Nbr. of units in pkg.	1
Product availability	Non-Stock - Not normally stocked in distribution facility
Returnability	N
Country of origin	FR

## Offer Sustainability

Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 0644 - <a href="#">Schneider Electric declaration of conformity</a>
REACH	Reference not containing SVHC above the threshold
Product environmental profile	Available <a href="#">Download Product Environmental Profile</a>
Product end of life instructions	Need no specific recycling operations

## Contractual warranty

Warranty period	18 months
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