Product data sheet Characteristics

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

Complementary	
[lth] 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) 00 in² (0.751.5 mm²) - cable stiffness: flexible - without cable end Spring terminals 1 cable(s) 00 in² (0.751.5 mm²) - cable stiffness: solid
Control circuit voltage limits	0.81.15 Uc at 122 °F (50 °C) operational 0.20.75 Uc at 122 °F (50 °C) drop-out
Operating time	515 ms coil energisation and NC opening1525 ms coil de-energisation and NC closing1020 ms coil energisation and NO closing1020 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

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 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. Prices are indicative

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	-13122 °F (-2550 °C)	
Ambient air temperature for storage	-58176 °F (-5080 °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, 5300 Hz IEC 60068-2-6	
	Vibrations contactor open 2 Gn, 5300 Hz IEC 60068-2-6	

Ordering and shipping details

Ordering and Shipping details		
Category	22371 - RELAYS, CONTROL	
Discount Schedule	l12	
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 - Schneider Electric declaration of conformity
REACh	Reference not containing SVHC above the threshold
Product environmental profile	Available Download Product Environmental Profile
Product end of life instructions	Need no specific recycling operations

Contractual warranty

Warranty period	18 months
-----------------	-----------

