

CA4KN405JW3

TeSys K control relay - 4 NO - ≤ 690 V - 12 V
DC low consumption coil

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

Price*: 65.30 USD



Main

Range	TeSys
Product name	TeSys CAK
Product or component type	Control relay
Device short name	CA4K
Contacting application	Control circuit
Utilisation category	AC-15 DC-13
Pole contact composition	4 NO
[Ue] rated operational voltage	≤ 690 V ≤ 400 Hz
Control circuit type	DC low consumption
[Uc] control circuit voltage	12 V DC

Complementary

Coil technology	Built-in bidirectional peak limiting diode suppressor
[Ith] conventional free air thermal current	10 A 122 °F (50 °C)
Irms rated making capacity	110 A IEC 60947
Associated fuse rating	10 A gG IEC 60947 10 A gG VDE 0660
[Ui] rated insulation voltage	690 V IEC 60947 750 V VDE 0110 group C 690 V BS 5424 600 V CSA C22.2 No 14
Mounting support	Rail Plate
Connections - terminals	Solder pins 1.5 x 0.9 mm
Control circuit voltage limits	Drop-out 0.1...0.75 Uc 122 °F (50 °C) Operational 0.7...1.3 Uc 122 °F (50 °C)
Operating time	10...20 ms coil de-energisation and NO opening 30...40 ms coil energisation and NO closing
Mechanical durability	30 Mcycles
Maximum operating rate	6000 Cyc/H
Immunity to microbreaks	2 Ms
Inrush power in W	1.8 W 68 °F (20 °C)

Hold-in power consumption in W	1.8 W 68 °F (20 °C)
Heat dissipation	1.8 W
Minimum switching voltage	17 V
Minimum switching current	5 MA
Non overlap distance	0.02 In (0.5 mm)
Insulation resistance	> 10 MOhm
Maximum Height	2.28 In (58 mm)
Maximum Width	1.77 In (45 mm)
Maximum Depth	2.24 In (57 mm)
Net Weight	0.58 Lb(US) (0.265 kg)

Environment

Standards	BS 5424 IEC 60947 NF C 63-140 VDE 0660
Product certifications	UL CSA
IP degree of protection	IP2x
Protective treatment	TC 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
Flame retardance	V1 UL 94 Requirement 2 NF F 16-101 Requirement 2 NF F 16-102
Mechanical robustness	Vibrations contactor open2 Gn, 5...300 Hz IEC 60068-2-6 Vibrations contactor closed4 Gn, 5...300 Hz IEC 60068-2-6 Shocks contactor open10 Gn for 11 ms IEC 60068-2-27 Shocks contactor closed15 Gn for 11 ms IEC 60068-2-27

Ordering and shipping details

Category	22371 - RELAYS, CONTROL
Discount Schedule	I12
GTIN	03389110485967
Nbr. of units in pkg.	1
Package weight(Lbs)	0.58 Lb(US) (0.26 kg)
Returnability	No
Country of origin	FR

Packing Units

Unit Type of Package 1	PCE
Package 1 Height	1.89 In (4.8 cm)
Package 1 width	2.44 In (6.2 cm)
Package 1 Length	2.60 In (6.6 cm)

Offer Sustainability

California proposition 65	WARNING: Cancer - www.P65Warnings.ca.gov
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Contractual warranty

Warranty	18 months
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Product Life Status : **Commercialised**