

Price* : 45.30 USD



CA2KN405M72 has not been replaced. Please contact your customer care center for more information.

❗ Discontinued

Main

Range	TeSys
Product name	TeSys CAK
Product or component type	Control relay
Device short name	CA2K
Contacting application	Control circuit
Utilisation category	AC-15 DC-13
Pole contact composition	4 NO
System Voltage	≤ 690 V ≤ 400 Hz
Control circuit type	AC 50/60 Hz
[Uc] control circuit voltage	220...230 V AC 50/60 Hz

Complementary

Coil technology	Built-in bidirectional peak limiting diode suppressor
[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 IEC 60947 10 A gG conforming to VDE 0660
[Ui] rated insulation voltage	600 V conforming to CSA C22.2 No 14 690 V conforming to BS 5424 690 V conforming to IEC 60947 750 V conforming to VDE 0110 group C
Mounting support	Plate Rail
Connections - terminals	Solder pins 1.5 x 0.9 mm
Control circuit voltage limits	0.2...0.75 Uc at ≤ 122 °F (50 °C) drop-out 0.8...1.15 Uc at ≤ 122 °F (50 °C) operational
Operating time	10...20 ms coil de-energisation and NO opening 10...20 ms coil energisation and NO closing
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	0.46 lb(US) (0.21 kg)

Environment

Standards	BS 5424 IEC 60947 VDE 0660 NF C 63-140
Product certifications	CSA UL
IP degree of protection	IP2x
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
Flame retardance	V1 conforming to UL 94 Requirement 2 conforming to NF F 16-101 Requirement 2 conforming to 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

Ordering and shipping details

Category	22371 - RELAYS, CONTROL
Discount Schedule	I12
Nbr. of units in pkg.	1
Package weight(Lbs)	0.46000000000000002
Returnability	N

Contractual warranty

Warranty period	18 months
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