

## CA4KN22BW3

upravljački relej TeSys K-2 NO+2 NC- $\leq$ 690 V-  
Zavojnica za nisku potroš.24V DC



### Glavno

Range	TeSys
Product name	TeSys CAK
Product or component type	Control relay
Device short name	CA4K
Contact application	Control circuit
Utilisation category	AC-15 DC-13
Pole contact composition	2 NO + 2 NC
[Ue] rated operational voltage	$\leq$ 690 V $\leq$ 400 Hz
Control circuit type	DC low consumption
[Uc] control circuit voltage	24 V DC

### Komplementarno

Coil technology	Built-in bidirectional peak limiting diode suppressor
[Ith] conventional free air thermal current	10 A at $\leq$ 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	690 V conforming to BS 5424 690 V conforming to IEC 60947 750 V conforming to VDE 0110 group C 600 V conforming to 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	0.7...1.3 Uc at 50 °C operational 0.1...0.75 Uc at 50 °C drop-out
Operating time	10...20 ms coil de-energisation and NO opening 25...35 ms coil energisation and NC opening 30...40 ms coil energisation and NO closing 15...25 ms coil de-energisation and NC closing
Mechanical durability	30 Mcycles
Operating rate	6000 cyc/h
Immunity to microbreaks	2 ms
Inrush power in W	1.8 W at 20 °C
Hold-in power consumption in W	1.8 W at 20 °C
Heat dissipation	1.8 W
Minimum switching voltage	17 V
Minimum switching current	5 mA

Informacije dane u ovoj dokumentaciji sadrže opće opise i/ili tehničke karakteristike o performansama ovdje sadržanih proizvoda.  
Ova dokumentacija nije namijenjena kao zamjena za niti bi se trebala koristiti za određivanje prikladnosti ili pouzdanosti predmetnih proizvoda za konkretne korisničke primjene.  
Svaki takav korisnik ili integrator dužan je provesti odgovarajuću i potpunu analizu rizika, procjenu i ispitivanje proizvoda u odnosu na odgovarajuću specifičnu primjenu ili uporabu istog.  
Niti društvo Schneider Electric Industries SAS niti bilo koje od njegovih povezanih poduzeća ili podružnica neće preuzeti obvezu ili snositi odgovornost za pogrešnu upotrebu sadržanih informacija.

Non overlap distance	0.5 mm
Insulation resistance	> 10 MOhm
Height	58 mm
Width	45 mm
Depth	57 mm
Product weight	0.235 kg

## Okolina

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	-25...50 °C
ambient air temperature for storage	-50...80 °C
operating altitude	2000 m without derating in temperature
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

## Offer Sustainability

Green Premium product	Green Premium product
Compliant - since 0825 - Schneider Electric declaration of conformity	Compliant - since 0825 - Schneider Electric declaration of conformity
Reference not containing SVHC above the threshold	Reference not containing SVHC above the threshold
Available	Available
Available	Available

## Contractual warranty

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