## **Product datasheet**

Specifications





# TeSys K control relay - 4 NO - <= 690 V - 24 V DC standard coil

CA3KN403BD

EAN Code: 3389110241792

#### Main

Range	TeSys
Product name	TeSys CAK
product or component type	Control relay
Device short name	САЗК
contactor application	Control circuit
Utilisation category	DC-13 AC-15
Pole contact composition	4 NO
[Ue] rated operational voltage	<= 690 V <= 400 Hz
Control circuit type	DC standard
[Uc] control circuit voltage	24 V DC

#### Complementary

10 A (at 50 °C)
110 A conforming to IEC 60947
10 A gG conforming to IEC 60947 10 A gG conforming to VDE 0660
690 V conforming to IEC 60947 750 V conforming to VDE 0110 group C 690 V conforming to BS 5424 600 V conforming to CSA C22.2 No 14
Rail Plate
Spring terminals 1 cable(s) 0.751.5 mm <sup>2</sup> solid Spring terminals 1 cable(s) 0.751.5 mm <sup>2</sup> flexible without cable end
Operational: 0.81.15 Uc (at <50 °C) Drop-out: 0.10.75 Uc (at <50 °C)
10 ms coil de-energisation and NO opening 3040 ms coil energisation and NO closing
20 Mcycles
10000 cyc/h
2 ms
3 W (at 20 °C)
3 W at 20 °C
3 W

Minimum switching voltage	17 V
Minimum switching current	5 mA
Non overlap distance	0.5 mm
Insulation resistance	> 10 MOhm
Height	58 mm
Width	45 mm
Depth	57 mm
net weight	0.225 kg

### Environment

Standards	EN/IEC 60947-4-1 GB/T 14048.4 UL 60947-4-1 CSA C22.2 No 60947-4-1 JIS C8201-4-1
Product certifications	CB Scheme CCC UL CSA EAC CE UKCA
Protective treatment	TC conforming to IEC 60068
Ambient air temperature for operation	-2550 °C
Ambient air temperature for storage	-5080 °C
Operating altitude	2000 m without derating
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 open: 2 Gn, 5300 Hz conforming to IEC 60068-2-6 Vibrations contactor closed: 4 Gn, 5300 Hz conforming to IEC 60068-2-6 Shocks contactor open: 10 Gn for 11 ms conforming to IEC 60068-2-27 Shocks contactor closed: 15 Gn for 11 ms conforming to IEC 60068-2-27

## **Packing Units**

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	4.9 cm
Package 1 Width	6.2 cm
Package 1 Length	6.5 cm
Package 1 Weight	225.0 g
Unit Type of Package 2	S02
Number of Units in Package 2	40
Package 2 Height	15.0 cm
Package 2 Width	30.0 cm
Package 2 Length	40.0 cm
Package 2 Weight	9.414 kg

## **Contractual warranty**

Warranty

18 months

## Sustainability Screen Premium

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Transparency RoHS/REACh

#### Well-being performance

Reach Free Of Svhc
Toxic Heavy Metal Free
Mercury Free
Rohs Exemption Information Yes

#### **Certifications & Standards**

Reach Regulation	REACh Declaration
Eu Rohs Directive	Compliant EU RoHS Declaration
China Rohs Regulation	China RoHS declaration Pro-active China RoHS declaration (out of China RoHS legal scope)
Environmental Disclosure	Product Environmental Profile
Weee	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
Circularity Profile	End of Life Information