Product datasheet

Specifications

Control relay, TeSys SK, 1NO+1NC, <= 690V, 24V AC coil

CA2SK11B7

Main

Range	TeSys
Product Name	TeSys CASK
Product Or Component Type	Control relay
Device Short Name	CA2SK
Contactor Application	Control circuit
Utilisation Category	DC-13 AC-15
Pole Contact Composition	1 NO + 1 NC
[Ue] Rated Operational Voltage	<= 690 V <= 400 Hz
Control Circuit Type	AC at 50/60 Hz
[Uc] Control Circuit Voltage	24 V AC 50/60 Hz

Complementary

[Ith] Conventional Free Air Thermal Current	10 A (at 55 °C)
Associated Fuse Rating	10 A gL conforming to VDE 0660 10 A gL conforming to IEC 60947
[Ui] Rated Insulation Voltage	690 V conforming to IEC 60947 690 V conforming to VDE 0110 group C 690 V conforming to BS 5424 690 V conforming to UL 508 690 V conforming to CSA C22.2 No 14
Mounting Support	Rail Plate
Connections - Terminals	Screw clamp terminals 1 cable(s) 1.5…6 mm²solid Screw clamp terminals 2 cable(s) 1.5…4 mm²solid Screw clamp terminals 1 cable(s) 0.5…6 mm²flexible without cable end Screw clamp terminals 1 cable(s) 0.35…6 mm²flexible with cable end Screw clamp terminals 2 cable(s) 0.35…1.5 mm²flexible with cable end Screw clamp terminals 2 cable(s) 0.35…2.5 mm²flexible without cable end
Tightening Torque	0.8 N.m - on screw clamp terminals pozidriv No 1 screw head
Control Circuit Voltage Limits	Drop-out: 0.2...0.75 Uc (at <50 °C) Operational: 0.85...1.1 Uc (at <50 °C)
Operating Time	6...8 ms coil de-energisation and NO opening 7...14 ms coil energisation and NO closing 8...10 ms coil de-energisation and NC closing 8...16 ms coil energisation and NC opening
Mechanical Durability	10 Mcycles
Maximum Operating Rate	1200 cyc/h
Inrush Power In Va	16 VA (at 20 °C)

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Hold-In Power Consumption In Va	4.2 VA (at 20 °C)
Heat Dissipation	1.4 W
Height	56 mm
Width	27 mm
Depth	55.5 mm
Net Weight	0.132 kg

Environment

Standards	EN/IEC 60947-5-1 UL 60947-5-1 CSA C22.2 No 60947-5-1
Product Certifications	CB Scheme cULus EAC CE UKCA
Ip Degree Of Protection	IP2X
Protective Treatment	TC conforming to IEC 60068
Ambient Air Temperature For Operation	-20…50 °C
Ambient Air Temperature For Storage	-50…70 °C
Operating Altitude	2000 m without derating

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	6.7 cm
Package 1 Width	5.9 cm
Package 1 Length	3.3 cm
Package 1 Weight	119.0 g
Unit Type Of Package 2	S01
Number Of Units In Package 2	40
Package 2 Height	15.0 cm
Package 2 Width	15.0 cm
Package 2 Length	40.0 cm
Package 2 Weight	4.964 kg

Contractual warranty

Warranty	18 months

Sustainability

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Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

Learn more about Green Premium >

Guide to assess a product's sustainability >

Transparency

RoHS/REACh

Well-being performance

Mercury Free	
Rohs Exemption Information	Yes

Certifications & Standards

Reach Regulation	REACh Declaration
Eu Rohs Directive	Compliant with Exemptions
China Rohs Regulation	China RoHS declaration Product out of China RoHS scope. Substance declaration for your information
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