Product datasheet





Control relay, TeSys SK, 2NO, <= 690V, 48V AC coil

CA2SK20E7

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	2 NO	
[Ue] rated operational voltage	<= 690 V <= 400 Hz	
Control circuit type	AC at 50/60 Hz	
[Uc] control circuit voltage	48 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	Plate Rail	
Connections - terminals	Screw clamp terminals 1 cable(s) 1.56 mm²solid Screw clamp terminals 2 cable(s) 1.54 mm²solid Screw clamp terminals 1 cable(s) 0.56 mm²flexible without cable end Screw clamp terminals 1 cable(s) 0.356 mm²flexible with cable end Screw clamp terminals 2 cable(s) 0.351.5 mm²flexible with cable end Screw clamp terminals 2 cable(s) 0.352.5 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: 0.20.75 Uc (at <50 °C) Operational: 0.851.1 Uc (at <50 °C)	
Operating time	68 ms coil de-energisation and NO opening 714 ms coil energisation and NO closing	
Mechanical durability	10 Mcycles	
Maximum operating rate	1200 cyc/h	
Inrush power in VA	16 VA (at 20 °C)	
Hold-in power consumption in VA	4.2 VA (at 20 °C)	

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Heat dissipation	1.4 W
Height	56 mm
Width	27 mm
Depth	55.5 mm
Net weight	0.132 kg

Environment

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	-2050 °C	
ambient air temperature for storage	-5070 °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	5.8 cm
Package 1 Width	6.8 cm
Package 1 Length	3.2 cm
Package 1 Weight	121.0 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	4.986 kg

Contractual warranty

Warranty 18 months



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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