

Product data sheet

Specifications



Control relay, TeSys SK, 2NO, <= 690V, 240V AC coil

CA2SK20U7

Main

Range	TeSys
Product name	TeSys CASK
Product or component type	Control relay
Device short name	CA2SK
Contactors application	Control circuit
Utilisation category	AC-15 DC-13
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	240 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) 1.5...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
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)

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

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

Environment

Standards	EN/IEC 60947-5-1 UL 60947-5-1 CSA C22.2 No 60947-5-1 IEC 60335-2-40:Annex JJ UL 60335-2-40:Annex JJ
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	3.3 cm
Package 1 Width	5.9 cm
Package 1 Length	6.7 cm
Package 1 Weight	125.0 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	5.08 kg

Contractual warranty

Warranty	18 months
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Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

Environmental footprint	
Total lifecycle Carbon footprint	58
Environmental Disclosure	Product Environmental Profile

Use Better

Materials and Substances	
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Yes
EU RoHS Directive	Compliant with Exemptions
SCIP Number	Bf876e8d-5be9-45ba-9d97-ac1c3aec5384

Use Again

Repack and remanufacture	
End of life manual availability	End of Life Information
Take-back	No
WEEE Label	 The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

Technical Illustration

Assembly's dimensions

