

Product data sheet

Characteristics

CA2SK20F7

TeSys SK control relay - 2 NO - ≤ 690 V - 110 V AC coil



Main

Range	TeSys
Product name	TeSys CASK
Product or component type	Control relay
Device short name	CA2SK
Contactor 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	110 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 mm ² solid Screw clamp terminals 2 cable(s) 1.5...4 mm ² solid Screw clamp terminals 1 cable(s) 0.5...6 mm ² flexible without cable end Screw clamp terminals 1 cable(s) 0.35...6 mm ² flexible with cable end Screw clamp terminals 2 cable(s) 0.35...1.5 mm ² flexible with cable end Screw clamp terminals 2 cable(s) 0.35...2.5 mm ² flexible 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 U _c (at <50 °C) Operational: 0.85...1.1 U _c (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)
Heat dissipation	1.4 W
Height	56 mm
Width	27 mm
Depth	55.5 mm
Net weight	0.132 kg

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Environment

Standards	VDE 0660 NF C 63-110 BS 5424 IEC 60947
Product certifications	cULus
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	6.7 cm
Package 1 Length	5.9 cm
Package 1 Weight	119 g
Unit Type of Package 2	S01
Number of Units in Package 2	40
Package 2 Height	15 cm
Package 2 Width	15 cm
Package 2 Length	40 cm
Package 2 Weight	4.9 kg

Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	REACH Declaration
EU RoHS Directive	Compliant EU RoHS Declaration
Mercury free	Yes
China RoHS Regulation	China RoHS Declaration
RoHS exemption information	Yes
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End Of Life Information
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

Contractual warranty

Warranty	18 months
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