

Product data sheet

Characteristics

CA3SK11SD

TeSys; TeSys SK, control relay, 1 NO + 1 NC,
 <= 690 V, 72 V DC standard coil



Main

Range	TeSys
Product name	TeSys CASK
Product or component type	Control relay
Device short name	CA3SK
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	DC standard
[Uc] control circuit voltage	72 V DC

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	Operational: 0.85...1.1 U _c (at <50 °C) Drop-out: 0.1...0.75 U _c (at <50 °C)
Operating time	4...6 ms coil de-energisation and NO opening 8...12 ms coil energisation and NO closing 6...8 ms coil de-energisation and NC closing 10...18 ms coil energisation and NC opening
Mechanical durability	10 Mcycles
Maximum operating rate	1200 cyc/h
Inrush power in W	2.2 W (at 20 °C)
Hold-in power consumption in W	2.2 W at 20 °C
Heat dissipation	2.2 W
Height	56 mm
Width	27 mm
Depth	55.5 mm
Net weight	0.132 kg

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Environment

Standards	EN/IEC 60947-5-1 UL 60947-5-1 CSA C22.2 No 60947-5-1
Product certifications	CB Scheme[RETURN]cULus[RETURN]EAC[RETURN]CE[RETURN]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	132 g

Contractual warranty

Warranty	18 months
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