



Main

Commercial Status	Commercialised
Range of product	TeSys SK control relay
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 50/60 Hz
Control circuit voltage	120 V AC 50/60 Hz

Complementary

[Ith] conventional free air thermal current	10 A at ≤ 131 °F (55 °C)
Associated fuse rating	10 A gL conforming to IEC 60947 10 A gL conforming to VDE 0660
[Ui] rated insulation voltage	690 V conforming to CSA C22.2 No 14 690 V conforming to UL 508 690 V conforming to BS 5424 690 V conforming to VDE 0110 group C 690 V conforming to IEC 60947
Mounting support	Plate Rail
Connections - terminals	Screw clamp terminals 2 cable(s) 0...0 in ² (0.35...2.5 mm ²) - cable stiffness: flexible - without cable end Screw clamp terminals 2 cable(s) 0...0 in ² (0.35...1.5 mm ²) - cable stiffness: flexible - with cable end Screw clamp terminals 1 cable(s) 0...0.01 in ² (0.35...6 mm ²) - cable stiffness: flexible - with cable end Screw clamp terminals 1 cable(s) 0...0.01 in ² (0.5...6 mm ²) - cable stiffness: flexible - without cable end Screw clamp terminals 2 cable(s) 0...0.01 in ² (1.5...4 mm ²) - cable stiffness: solid Screw clamp terminals 1 cable(s) 0...0.01 in ² (1.5...6 mm ²) - cable stiffness: solid
Tightening torque	7.08 lbf.in (0.8 N.m) - on screw clamp terminals pozidriv No 1
Control circuit voltage limits	0.85...1.1 U _c at 122 °F (50 °C) operational 0.2...0.75 U _c at 122 °F (50 °C) drop-out
Operating time	8...16 ms coil energisation and NC opening 8...10 ms coil de-energisation and NC closing 7...14 ms coil energisation and NO closing 6...8 ms coil de-energisation and NO opening
Mechanical durability	10 Mcycles
Operating rate	1200 cyc/h
Inrush power in VA	16 VA at 68 °F (20 °C)
Hold-in power consumption in VA	4.2 VA at 68 °F (20 °C)
Heat dissipation	1.4 W
Height	2.2 in (56 mm)
Width	1.06 in (27 mm)
Depth	2.19 in (55.5 mm)
Product weight	0.29 lb(US) (0.132 kg)

Environment

Standards	BS 5424 IEC 60947 NF C 63-110 VDE 0660
Product certifications	CSA UL
IP degree of protection	IP2x
Protective treatment	TC conforming to IEC 60068
Ambient air temperature for operation	-4...122 °F (-20...50 °C)
Ambient air temperature for storage	-58...158 °F (-50...70 °C)
Operating altitude	6561.68 ft (2000 m) without derating in temperature

Ordering and shipping details

Category	22371 - RELAYS, CONTROL
Discount Schedule	I12
GTIN	00785901866718
Nbr. of units in pkg.	1
Package weight(Lbs)	0.27
Product availability	Stock - Normally stocked in distribution facility
Returnability	Y
Country of origin	CZ

Contractual warranty

Period	18 months
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