Product data sheet
Characteristics

CA2SK20G7
TeSys SK control relay - 2 NO - <= 690 V - 120 V AC coil

Main

Commercial Status	Commercialised
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 50/60 Hz
Control circuit voltage	120 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 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) 0.35...2.5 mm² - cable stiffness: flexible - without cable end Screw clamp terminals 2 cable(s) 0.35...1.5 mm² - cable stiffness: flexible - with cable end Screw clamp terminals 1 cable(s) 0.35...6 mm² - cable stiffness: flexible - with cable end Screw clamp terminals 1 cable(s) 0.5...6 mm² - cable stiffness: flexible - without cable end Screw clamp terminals 2 cable(s) 1.5...4 mm² - cable stiffness: solid Screw clamp terminals 1 cable(s) 1.5...6 mm² - cable stiffness: solid
Tightening torque	0.8 N.m - on screw clamp terminals pozidriv No 1
Control circuit voltage limits	0.85...1.1 Uc at 50 °C operational 0.2...0.75 Uc at 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 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
Product weight	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	-20...50 °C
Ambient air temperature for storage	-50...70 °C
Operating altitude	2000 m without derating in temperature