

CA2SK20M7

TeSys SK control relay - 2 NO - ≤ 690 V - 220 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 50/60 Hz
Control circuit voltage	220 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 mm ² - cable stiffness: flexible - without cable end Screw clamp terminals 2 cable(s) 0.35...1.5 mm ² - cable stiffness: flexible - with cable end Screw clamp terminals 1 cable(s) 0.35...6 mm ² - cable stiffness: flexible - with cable end Screw clamp terminals 1 cable(s) 0.5...6 mm ² - cable stiffness: flexible - without cable end Screw clamp terminals 2 cable(s) 1.5...4 mm ² - cable stiffness: solid Screw clamp terminals 1 cable(s) 1.5...6 mm ² - 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	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

The information provided in this documentation contains general descriptions and/or technical characteristics of the products contained herein. 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. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

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