



Main

Range of product	Mini-control relay
Product or component type	Control relay
Device short name	CA2SK
Contact application	Control circuit
Utilisation category	AC-15
Control circuit type	AC
Coil type	Standard
Pole contact composition	2 NO
[Uc] control circuit voltage	240 V AC 50/60 Hz
Connections - terminals	Connector 1 cable 1.5...6 mm ² - cable stiffness: solid Connector 2 cable 1.5...4 mm ² - cable stiffness: solid Connector 1 cable 0.5...6 mm ² - cable stiffness: flexible - without cable end Connector 2 cable 0.35...2.5 mm ² - cable stiffness: flexible - without cable end Connector 1 cable 0.35...6 mm ² - cable stiffness: flexible - with cable end Connector 2 cable 0.35...1.5 mm ² - cable stiffness: flexible - with cable end

Complementary

Contact operation	Mechanically linked conforming to IEC 60947-5-1
Control circuit voltage limits	0.85...1.1 Uc at 50 °C operational >= 0.2 Uc at 50 °C drop-out
[Ui] rated insulation voltage	690 V - conforming to IEC 60947 690 V - conforming to BS 5424 690 V - conforming to VDE 0110 group C 690 V - conforming to CSA 22-2 No 14 690 V - conforming to UL 508
Tightening torque	0.8 N.m - on connector - with screwdriver pozidriv 1 mm
[Ue] rated operational voltage	<= 690 V AC <= 400 Hz
[Ith] conventional free air thermal current	10 A at ≤ 55 °C
Associated fuse rating	10 A gI at <= 690 V conforming to IEC 60947 10 A gI at <= 690 V conforming to VDE 0660
Inrush power in VA	16 VA at 20 °C
Hold-in power consumption in VA	4.2 VA at 20 °C 50/60 Hz
Mechanical durability	10000000 cycles
Operating rate	1200 cyc/h at 20 °C
Operating time	6...8 ms coil de-energisation and NO opening 7...14 ms coil energisation and NO closing 8...10 ms coil de-energisation and NC closing 8...16 ms coil energisation and NC opening
Non-overlap time	1.5 ms on energisation between NC and NO contacts 1.5 ms on de-energisation between NC and NO contacts
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 conforming to VDE 0106
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
Heat dissipation	1.4 W at 50/60 Hz
RoHS EUR conformity date	0718
RoHS EUR status	Compliant