



## 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
Control circuit voltage	110 V AC 50/60 Hz
Connections - terminals	Connector 1 1,5...6 mm <sup>2</sup> solid Connector 2 1,5...4 mm <sup>2</sup> solid Connector 1 0,5...6 mm <sup>2</sup> flexible without Connector 2 0,35...2,5 mm <sup>2</sup> flexible without Connector 1 0,35...6 mm <sup>2</sup> flexible with Connector 2 0,35...1,5 mm <sup>2</sup> flexible with

## Complementary

Contact operation	Mechanically linked IEC 60947-5-1
Control circuit voltage limits	0.85...1.1 U <sub>c</sub> 50 °C operational >= 0.2 U <sub>c</sub> 50 °C drop-out
[Ui] rated insulation voltage	690 V IEC 60947 690 V BS 5424 690 V VDE 0110 group C 690 V CSA 22-2 No 14 690 V UL 508
Tightening torque	0,8 N.m connector pozidriv 1 mm
[Ue] rated operational voltage	<= 690 V AC <= 400 Hz
[Ith] conventional free air thermal current	10 A ≤ 55 °C
Associated fuse rating	10 A gI <= 690 V IEC 60947 10 A gI <= 690 V VDE 0660
Inrush power in VA	16 VA 20 °C 50/60 Hz
Hold-in power consumption in VA	4,2 VA 20 °C 50/60 Hz
Mechanical durability	10000000 cycles
Operating rate	1200 cyc/h 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

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## Environment

Standards	BS 5424 IEC 60947 NF C 63-110 VDE 0660
Product certifications	CSA UL
IP degree of protection	IP2x VDE 0106
Protective treatment	TC IEC 60068
Ambient air temperature for operation	-20...50 °C
Ambient air temperature for storage	-50...70 °C
Operating altitude	2000 m without
Heat dissipation	1,4 W 50/60 Hz
RoHS EUR conformity date	0718
RoHS EUR status	Compliant