



## Main

Range of product	Mini-control relay
Product or component type	Control relay
Device short name	CA3SK
Contact application	Control circuit
Utilisation category	DC-13
Control circuit type	DC
Coil type	Standard
Coil technology	Without integral suppression device
Pole contact composition	2 NO
Control circuit voltage	24 V DC
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
[U <sub>i</sub> ] 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
[U <sub>e</sub> ] rated operational voltage	<= 690 V DC
[I <sub>th</sub> ] 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 W	2,2 W 20 °C
Hold-in power consumption in W	2,2 W 20 °C
Mechanical durability	10000000 cycles
Operating rate	1200 cyc/h 20 °C
Operating time	4...6 ms coil de-energisation and NO opening 6...8 ms coil de-energisation and NC closing 8...12 ms coil energisation and NO closing 10...18 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	2,2 W
RoHS EUR conformity date	0718
RoHS EUR status	Compliant