



Main

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| 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 | 120 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

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| 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 508 690 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 |
| 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 | 23 VA at 20 °C |
| Hold-in power consumption in VA | 4.9 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 | 58 mm |
| Width | 45 mm |
| Depth | 68 mm |
| Product weight | 0.175 kg |

Environment

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|---------------------------------------|---|
| 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 | 1.5 W at 50/60 Hz |
| RoHS EUR conformity date | 0730 |
| RoHS EUR status | Compliant |