# Product datasheet

Specifications

Green Premium™

## TeSys SK control relay - 2 NO - <= 690 V - 24 V DC standard coil

Local distributor code:

386284252 CA3SK20BD

**EAN Code: 3389110564280**

## Main

| | |
|---|---|
| **Range** | TeSys |
| **Product Name** | TeSys CASK |
| **Product Or Component Type** | Control relay |
| **Device Short Name** | CA3SK |
| **Contactor Application** | Control circuit |
| **Utilisation Category** | DC-13<br>AC-15 |
| **Pole Contact Composition** | 2 NO |
| **[Ue] Rated Operational Voltage** | <= 690 V <= 400 Hz |
| **Control Circuit Type** | DC standard |
| **[Uc] Control Circuit Voltage** | 24 V DC |

## Complementary

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|---|---|
| **[Ith] Conventional Free Air Thermal Current** | 10 A (at 55 °C) |
| **Associated Fuse Rating** | 10 A gL conforming to VDE 0660<br>10 A gL conforming to IEC 60947 |
| **[Ui] Rated Insulation Voltage** | 690 V conforming to IEC 60947<br>690 V conforming to VDE 0110 group C<br>690 V conforming to BS 5424<br>690 V conforming to UL 508<br>690 V conforming to CSA C22.2 No 14 |
| **Mounting Support** | Rail<br>Plate |
| **Connections - Terminals** | Screw clamp terminals 1 cable(s) 1.5…6 mm²solid<br>Screw clamp terminals 2 cable(s) 1.5…4 mm²solid<br>Screw clamp terminals 1 cable(s) 0.5…6 mm²flexible without cable end<br>Screw clamp terminals 1 cable(s) 0.35…6 mm²flexible with cable end<br>Screw clamp terminals 2 cable(s) 0.35…1.5 mm²flexible with cable end<br>Screw clamp terminals 2 cable(s) 0.35…2.5 mm²flexible without cable end |
| **Tightening Torque** | 0.8 N.m - on screw clamp terminals pozidriv No 1 screw head |
| **Control Circuit Voltage Limits** | Operational: 0.85...1.1 Uc (at <50 °C)<br>Drop-out: 0.1...0.75 Uc (at <50 °C) |
| **Operating Time** | 4...6 ms coil de-energisation and NO opening<br>8...12 ms coil energisation and NO closing |
| **Mechanical Durability** | 10 Mcycles |
| **Maximum Operating Rate** | 1200 cyc/h |
| **Inrush Power In W** | 2.2 W (at 20 °C) |
| **Hold-In Power Consumption In W** | 2.2 W at 20 °C |

Disclaimer: 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

| | |
|---|---|
| **Heat Dissipation** | 2.2 W |
| **Height** | 56 mm |
| **Width** | 27 mm |
| **Depth** | 55.5 mm |
| **Net Weight** | 0.132 kg |

## Environment

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|---|---|
| **Standards** | EN/IEC 60947-5-1<br>UL 60947-5-1<br>CSA C22.2 No 60947-5-1 |
| **Product Certifications** | CB Scheme<br>cULus<br>EAC<br>CE<br>UKCA |
| **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 |

## Packing Units

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|---|---|
| **Unit Type Of Package 1** | PCE |
| **Number Of Units In Package 1** | 1 |
| **Package 1 Height** | 6.0 cm |
| **Package 1 Width** | 6.6 cm |
| **Package 1 Length** | 3.3 cm |
| **Package 1 Weight** | 126.0 g |
| **Unit Type Of Package 2** | S01 |
| **Number Of Units In Package 2** | 40 |
| **Package 2 Height** | 15.0 cm |
| **Package 2 Width** | 15.0 cm |
| **Package 2 Length** | 40.0 cm |
| **Package 2 Weight** | 5.214 kg |

## Contractual warranty

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|---|---|
| **Warranty** | 18 months |

## Sustainability

**Green Premium™ label** is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-$CO_2$ products.

**Guide to assessing product sustainability** is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

Learn more about Green Premium >

Guide to assess a product's sustainability >

Transparency RoHS/REACh

## Well-being performance

Mercury Free

| | |
|---|---|
| Rohs Exemption Information | Yes |

## Certifications & Standards

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|---|---|
| **Reach Regulation** | REACh Declaration |
| **Eu Rohs Directive** | Compliant with Exemptions |
| **China Rohs Regulation** | China RoHS declaration<br>Product out of China RoHS scope. Substance declaration for your information |
| **Environmental Disclosure** | Product Environmental Profile |
| **Weee** | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins |
| **Circularity Profile** | End of Life Information |