



## Main

|                                |                    |
|--------------------------------|--------------------|
| Range                          | TeSys              |
| Product name                   | TeSys CASK         |
| Product or Component Type      | Control relay      |
| Device short name              | CA2SK              |
| Contactor application          | Control circuit    |
| Utilisation category           | AC-15<br>DC-13     |
| Pole contact composition       | 1 NO + 1 NC        |
| [Ue] rated operational voltage | <= 690 V <= 400 Hz |
| Control circuit type           | AC 50/60 Hz        |
| [Uc] control circuit voltage   | 110 V AC 50/60 Hz  |

## Complementary

|                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|---------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| [Ith] conventional free air thermal current | 10 A 131 °F (55 °C)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Associated fuse rating                      | 10 A gL VDE 0660<br>10 A gL IEC 60947                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| [Ui] rated insulation voltage               | 690 V IEC 60947<br>690 V VDE 0110 group C<br>690 V BS 5424<br>690 V UL 508<br>690 V CSA C22.2 No 14                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Mounting Support                            | Plate<br>Rail                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Connections - terminals                     | Screw clamp terminals 1 0.00...0.01 in <sup>2</sup> (1.5...6 mm <sup>2</sup> )solid<br>Screw clamp terminals 2 0.00...0.01 in <sup>2</sup> (1.5...4 mm <sup>2</sup> )solid<br>Screw clamp terminals 1 0.00...0.01 in <sup>2</sup> (0.5...6 mm <sup>2</sup> )flexible without cable end<br>Screw clamp terminals 1 0.00...0.01 in <sup>2</sup> (0.35...6 mm <sup>2</sup> )flexible with cable end<br>Screw clamp terminals 2 0.00...0.00 in <sup>2</sup> (0.35...1.5 mm <sup>2</sup> )flexible with cable end<br>Screw clamp terminals 2 0.00...0.00 in <sup>2</sup> (0.35...2.5 mm <sup>2</sup> )flexible without cable end |
| Tightening torque                           | 7.08 lbf.in (0.8 N.m) screw clamp terminals pozidriv No 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Control circuit voltage limits              | Drop-out 0.2...0.75 Uc 122 °F (50 °C))<br>Operational 0.85...1.1 Uc 122 °F (50 °C))                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Operating time                              | 6...8 ms coil de-energisation and NO opening<br>7...14 ms coil energisation and NO closing<br>8...10 ms coil de-energisation and NC closing<br>8...16 ms coil energisation and NC opening                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Mechanical durability                       | 10 Mcycles                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Maximum operating rate                      | 1200 cyc/h                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Inrush power in VA                          | 16 VA 68 °F (20 °C))                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Hold-in power consumption in VA             | 4.2 VA 68 °F (20 °C))                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Heat dissipation                            | 1.4 W                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Height                                      | 2.20 in (56 mm)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Width                                       | 1.06 in (27 mm)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Depth                                       | 2.19 in (55.5 mm)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Net Weight                                  | 0.29 lb(US) (0.132 kg)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |

## Environment

|                                       |                                                            |
|---------------------------------------|------------------------------------------------------------|
| 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 IEC 60068                                               |
| Ambient Air Temperature for Operation | -4...122 °F (-20...50 °C)                                  |
| Ambient Air Temperature for Storage   | -58...158 °F (-50...70 °C)                                 |
| Operating altitude                    | 6561.68 ft (2000 m) without derating                       |

## Ordering and shipping details

|                   |                       |
|-------------------|-----------------------|
| Category          | 22371-RELAYS, CONTROL |
| Discount Schedule | I12                   |
| GTIN              | 3389110564075         |
| Returnability     | No                    |
| Country of origin | CZ                    |

## Packing Units

|                              |                        |
|------------------------------|------------------------|
| Unit Type of Package 1       | PCE                    |
| Number of Units in Package 1 | 1                      |
| Package 1 Height             | 1.30 in (3.3 cm)       |
| Package 1 Width              | 2.64 in (6.7 cm)       |
| Package 1 Length             | 2.32 in (5.9 cm)       |
| Package 1 Weight             | 4.23 oz (120.0 g)      |
| Unit Type of Package 2       | S01                    |
| Number of Units in Package 2 | 40                     |
| Package 2 Height             | 5.91 in (15.0 cm)      |
| Package 2 Width              | 5.91 in (15.0 cm)      |
| Package 2 Length             | 15.75 in (40.0 cm)     |
| Package 2 Weight             | 10.98 lb(US) (4.98 kg) |

## Offer Sustainability

|                            |                                                                                                                                   |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| Sustainable offer status   | Green Premium product                                                                                                             |
| REACH Regulation           |  <a href="#">REACH Declaration</a>             |
| EU RoHS Directive          | Compliant  <a href="#">EU RoHS Declaration</a> |
| Mercury free               | Yes                                                                                                                               |
| China RoHS Regulation      |  <a href="#">China RoHS Declaration</a>        |
| RoHS exemption information |  <a href="#">Yes</a>                           |
| Environmental Disclosure   |  <a href="#">Product Environmental Profile</a> |
| Circularity Profile        |  <a href="#">End Of Life Information</a>       |
| WEEE                       | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.      |

## Contractual warranty

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