

# CA2SK20V7

TeSys SK control relay - 2 NO - ≤ 690 V - 400 V  
AC coil



CA2SK20V7 has not been replaced. Please contact your customer care center for more information.

⚠ Discontinued

## 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       | 2 NO              |
| [Ue] rated operational voltage | ≤ 690 V ≤ 400 Hz  |
| Control circuit type           | AC 50/60 Hz       |
| [Uc] control circuit voltage   | 400 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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 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                             | IEC 60947<br>NF C 63-110<br>VDE 0660<br>BS 5424 |
| Product certifications                | CULus                                           |
| 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                     |

## Ordering and shipping details

|                   |                       |
|-------------------|-----------------------|
| Category          | 22371-RELAYS, CONTROL |
| Discount Schedule | I12                   |
| GTIN              | 03389110564228        |
| Returnability     | No                    |
| Country of origin | DE                    |

## Offer Sustainability

|                            |                                                                                                                                                                                                                                                                   |
|----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| California proposition 65  | WARNING: This product can expose you to chemicals including: Antimony oxide & Antimony trioxide which is known to the State of California to cause Carcinogen harm. For more information go to <a href="http://www.p65warnings.ca.gov">www.p65warnings.ca.gov</a> |
| EU RoHS Directive          | Compliant<br><a href="#">EU RoHS Declaration</a>                                                                                                                                                                                                                  |
| Mercury free               | Yes                                                                                                                                                                                                                                                               |
| RoHS exemption information | <a href="#">Yes</a>                                                                                                                                                                                                                                               |
| China RoHS Regulation      | <a href="#">China RoHS declaration</a><br>Product out of China RoHS scope. Substance declaration for your information.                                                                                                                                            |
| 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 |
|----------|-----------|