Product data sheet

Specifications





TeSys Deca control relay - 3 NO + 2 NC - <= 690 V - 480 V AC standard coil

CAD326T7

! Discontinued on: Oct 8, 2021

① Discontinued

Main

| Range | TeSys |
|---------------------------|-----------------|
| Product name | TeSys CAD |
| Product or Component Type | Control relay |
| Device short name | CAD |
| contactor application | Control circuit |

Complementary

| Complementary | |
|---|---|
| Utilisation category | AC-15 DC-13 AC-14 |
| Pole contact composition | 3 NO + 2 NC |
| [Ue] rated operational voltage | <= 690 V AC 25400 Hz |
| Control circuit type | AC 50/60 Hz |
| [Uc] control circuit voltage | 480 V AC 50/60 Hz |
| [Uimp] rated impulse withstand voltage | 6 kV IEC 60947 |
| [Ith] conventional free air thermal current | 10 A (at 140 °F (60 °C)) |
| Irms rated making capacity | 140 A AC IEC 60947-5-1 250 A DC IEC 60947-5-1 |
| [Icw] rated short-time withstand current | 100 A - 1 s 120 A - 500 ms 140 A - 100 ms |
| Associated fuse rating | 10 A gG conforming to IEC 60947-5-1 |
| [Ui] rated insulation voltage | 600 V UL 600 V CSA 690 V IEC 60947-5-1 |
| Mounting Support | Plate Rail |
| Connections - terminals | lugs-ring terminals 0.3 in (8 mm)) |
| Control circuit voltage limits | 0.30.6 Uc -40158 °F (-4070 °C) drop-out AC 50/60 Hz 0.81.1 Uc -40140 °F (-4060 °C) operational AC 50 Hz 0.851.1 Uc -40140 °F (-4060 °C) operational AC 60 Hz 11.1 Uc 140158 °F (6070 °C) operational AC 50/60 Hz |
| Operating time | 1222 ms coil energisation and NO closing 412 ms coil de-energisation and NO opening 419 ms coil energisation and NC opening 617 ms coil de-energisation and NC closing |
| Mechanical durability | 30 Mcycles |

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

| Maximum operating rate | 180 cyc/mn |
|---------------------------------|---|
| Inrush power in VA | 70 VA 50 Hz (at 68 °F (20 °C)) |
| Hold-in power consumption in VA | 8 VA 50 Hz (at 68 °F (20 °C)) |
| Minimum switching voltage | 17 V |
| Minimum switching current | 5 mA |
| Non-overlap time | 1.5 ms on energisation between NC and NO contact 1.5 ms on de-energisation between NC and NO contact |
| Insulation resistance | > 10 MOhm |
| Mechanical robustness | Shocks control relay open10 Gn for 11 ms IEC 60068-2-27 Shocks control relay closed15 Gn for 11 ms IEC 60068-2-27 Vibrations control relay open2 Gn, 5300 Hz IEC 60068-2-6 Vibrations control relay closed4 Gn, 5300 Hz IEC 60068-2-6 |
| Height | 3.03 in (77 mm) |
| Width | 1.8 in (45 mm) |
| Depth | 3.3 in (84 mm) |
| Net Weight | 1.28 lb(US) (0.58 kg) |

Environment

| Standards | EN/IEC 60947-5-1 GB/T 14048.5 UL 60947-5-1 CSA C22.2 No 60947-5-1 JIS C8201-5-1 |
|---------------------------------------|---|
| Product Certifications | CB Scheme CCC UL CSA EAC CE |
| IP degree of protection | IP2X front face VDE 0106 |
| Protective treatment | TH IEC 60068 |
| Ambient air temperature for operation | -40140 °F (-4060 °C) 140158 °F (6070 °C) with derating |
| Ambient Air Temperature for Storage | -76176 °F (-6080 °C) |
| Operating altitude | 09842.52 ft (03000 m) |

Ordering and shipping details

| Category | 22371-RELAYS, CONTROL |
|-------------------|-----------------------|
| Discount Schedule | 112 |
| GTIN | 3389110847154 |
| Returnability | No |
| Country of origin | FR |

Packing Units

| Unit Type of Package 1 | PCE |
|------------------------------|-----------------|
| Number of Units in Package 1 | 1 |
| Package 1 Height | 2.2 in (5.5 cm) |
| Package 1 Width | 3.2 in (8.2 cm) |

| Package 1 Length | 3.7 in (9.5 cm) |
|------------------|-----------------|
| Package 1 Weight | 12.2 oz (346 g) |

Contractual warranty

Warranty 18 months

Sustainability Green Premium

Green PremiumTM **label** is Schneider Electric's commitment to delivering products with best-inclass environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO₂ 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

| Eu Rohs Directive | Compliant |
|---------------------------|---|
| | EU RoHS Declaration |
| China Rohs Regulation | China RoHS declaration |
| | 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 |
| 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 cancer. For more information go to www.P65Warnings.ca.gov |