

Product data sheet

Specifications



Relay - 600 V 10 Amp Tesys + Options

CAD32G7TQ

Product availability: Stock - Normally stocked in distribution facility

Price*: 63.25 USD

Main

| | |
|------------------------------|---|
| Range | TeSys TeSys Deca |
| Product name | TeSys CAD TeSys Deca |
| Product or Component Type | Auxiliary contactor |
| Device short name | CAD |
| Contactor application | Control circuit |
| Utilisation category | AC-14 AC-15 |
| Control circuit type | AC |
| Coil type | Standard |
| Suppressor technology | Without built-in |
| Pole contact composition | 3 NO + 2 NC |
| [Uc] control circuit voltage | 120 V AC 50/60 Hz |
| Connections - terminals | 1 x 0.002...0.006 in ² (1...4 mm ²)flexible with cable end 1 x 0.002...0.006 in ² (1...4 mm ²)flexible without cable end 1 x 0.002...0.006 in ² (1...4 mm ²)solid without cable end 2 x 0.002...0.004 in ² (1...2.5 mm ²)flexible with cable end 2 x 0.002...0.006 in ² (1...4 mm ²)flexible without cable end |
| Quantity per Set | Set of 10 |

Complementary

| | |
|---|---|
| Contact operation | Mechanically linked IEC 60947-5-1 |
| Control circuit voltage limits | Drop-out: 0.3...0.6 Uc Operational: 0.8...1.1 Uc at 50 Hz Operational: 0.85...1.1 Uc at 60 Hz |
| [Ui] rated insulation voltage | 600 VCSA 600 VUL 690 V III 3) IEC 60947-5-1 |
| [Uimp] rated impulse withstand voltage | 6 kV IEC 60947 |
| Tightening torque | 15.05 lbf.in (1.7 N.m) |
| [Ue] rated operational voltage | <= 690 V AC 25...400 Hz |
| [Ith] conventional free air thermal current | 10 A (at 140 °F (60 °C)) |
| Irms rated making capacity | 140 A <= 690 V AC IEC 60947-5-1 |
| Associated fuse rating | 10 A gG <= 690 V IEC 60947-5-1 |
| Inrush power in VA | 70 VA (at 68 °F (20 °C)) |

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

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|--|---|
| Hold-in power consumption in VA | 8 VA 50 Hz (at 68 °F (20 °C)) |
| Maximum operating rate | 3 cyc/s 68 °F (20 °C) |
| Operating time | 12...22 ms coil energisation and NO closing 4...12 ms coil de-energisation and NO opening 4...19 ms coil energisation and NC opening 6...17 ms coil de-energisation and NC closing |
| Minimum switching current | 5 mA |
| Minimum switching voltage | 17 V |
| Non-overlap time | 1.5 ms on de-energisation between NC and NO contacts 1.5 ms on energisation between NC and NO contacts |
| Insulation resistance | > 10 MOhm |
| Height | 3.03 in (77 mm) |
| Width | 1.8 in (45 mm) |
| Depth | 3.4 in (86 mm) |
| Net Weight | 1.28 lb(US) (0.58 kg) |

Environment

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|--|--|
| Standards | EN 60947-5 IEC 60947-5-1 NF C 63-140 VDE 0660 BS 4794 IEC 60335-1 |
| Product Certifications | CSA UL UKCA |
| IP degree of protection | IP2X conforming to VDE 0106 |
| Protective treatment | TH IEC 60068 |
| Ambient air temperature for operation | -40...158 °F (-40...70 °C) at U _c 23...140 °F (-5...60 °C) at 0.8...1.1 U _c |
| Ambient Air Temperature for Storage | -76...176 °F (-60...80 °C) |
| Operating altitude | 9842.52 ft (3000 m) without derating |
| Shock resistance | 10 gn control relay open 15 gn control relay closed |
| Vibration resistance | 2 gn 5...300 Hz control relay open 4 gn 5...300 Hz control relay closed |

Ordering and shipping details

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|--------------------------|---------------|
| Category | US10I1218486 |
| Discount Schedule | 0I12 |
| GTIN | 3389110847208 |
| Returnability | Yes |
| Country of origin | FR |

Packing Units

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|-------------------------------------|-------------------|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Height | 5.91 in (15.0 cm) |

| | |
|-------------------------------------|--------------------------|
| Package 1 Width | 11.81 in (30.0 cm) |
| Package 1 Length | 15.75 in (40.0 cm) |
| Package 1 Weight | 12.4 oz (352.0 g) |
| Unit Type of Package 2 | S02 |
| Number of Units in Package 2 | 24 |
| Package 2 Height | 5.91 in (15.0 cm) |
| Package 2 Width | 11.81 in (30.0 cm) |
| Package 2 Length | 15.75 in (40.0 cm) |
| Package 2 Weight | 19.628 lb(US) (8.903 kg) |

Contractual warranty

| | |
|-----------------|-----------|
| 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-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 >](#)

[How we assess product sustainability >](#)



Transparency

Well-being performance

✓ Mercury Free

✓ Rohs Exemption Information [Yes](#)

Reach Regulation [REACH Declaration](#)

Eu Rohs Directive Compliant with Exemptions

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

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