

CAD326P7

Control relay, TeSys Deca, 3NO+2NC, 0 to 690V, 230VAC 50/60Hz standard coil, Lugs-ring terminals



Main

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|---------------------------|---------------------|
| Range | TeSys TeSys Deca |
| Product name | TeSys CAD |
| Product or component type | Control relay |
| Device short name | CAD |
| Contactor application | Control circuit |

Complementary

| | |
|---|---|
| Utilisation category | AC-14 DC-13 AC-15 |
| Pole contact composition | 3 NO + 2 NC |
| [Ue] rated operational voltage | <= 690 V AC 25...400 Hz |
| Control circuit type | AC at 50/60 Hz |
| [Uc] control circuit voltage | 230 V AC 50/60 Hz |
| [Uimp] rated impulse withstand voltage | 6 kV conforming to IEC 60947 |
| [Ith] conventional free air thermal current | 10 A (at 60 °C) |
| Irms rated making capacity | 140 A AC conforming to IEC 60947-5-1 250 A DC conforming to 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 certified[RETURN]600 V CSA certified[RETURN]690 V conforming to IEC 60947-5-1 |
| Mounting support | Rail Plate |
| Connections - terminals | Lugs-ring terminals (external diameter: 8 mm) |
| Control circuit voltage limits | 0.3...0.6 U _c (-40...70 °C):drop-out AC 50/60 Hz 0.8...1.1 U _c (-40...60 °C):operational AC 50 Hz 0.85...1.1 U _c (-40...60 °C):operational AC 60 Hz 1...1.1 U _c (60...70 °C):operational AC 50/60 Hz |
| 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 |
| Mechanical durability | 30 Mcycles |
| Maximum operating rate | 180 cyc/mn |
| Inrush power in VA | 70 VA 50 Hz (at 20 °C) |
| Hold-in power consumption in VA | 8 VA 50 Hz (at 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 |

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| Insulation resistance | > 10 MOhm |
| Mechanical robustness | Shocks control relay open: 10 Gn for 11 ms conforming to IEC 60068-2-27 Shocks control relay closed: 15 Gn for 11 ms conforming to IEC 60068-2-27 Vibrations control relay open: 2 Gn, 5...300 Hz conforming to IEC 60068-2-6 Vibrations control relay closed: 4 Gn, 5...300 Hz conforming to IEC 60068-2-6 |
| Height | 77 mm |
| Width | 45 mm |
| Depth | 84 mm |
| Net weight | 0.58 kg |

Environment

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|---------------------------------------|---|
| 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[RETURN]CCC[RETURN]UL[RETURN]CSA[RETURN]EAC[RETURN]CE[RETURN]UKCA |
| IP degree of protection | IP2X front face conforming to VDE 0106 |
| Protective treatment | TH conforming to IEC 60068 |
| Ambient air temperature for operation | -40...60 °C 60...70 °C with derating |
| Ambient air temperature for storage | -60...80 °C |
| Operating altitude | 0...3000 m |

Packing Units

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|------------------------------|---------|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Height | 4.9 cm |
| Package 1 Width | 11.1 cm |
| Package 1 Length | 8.9 cm |
| Package 1 Weight | 424.0 g |

Offer Sustainability

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

Contractual warranty

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| Warranty | 18 months |
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