



Glavno

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

Komplementarno

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|---|--|
| Utilisation category | AC-14 AC-15 DC-13 |
| Pole contact composition | 3 NO + 2 NC |
| [Ue] rated operational voltage | \leq 690 V AC 25...400 Hz |
| Control circuit type | AC 50/60 Hz |
| [Uc] control circuit voltage | 48 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 \leq 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 | 690 V conforming to IEC 60947-5-1 600 V certifications UL 600 V certifications CSA |
| Mounting support | Plate Rail |
| Connections - terminals | Screw clamp terminals 1 cable(s) 1...4 mm ² - cable stiffness: flexible - without cable end Screw clamp terminals 2 cable(s) 1...4 mm ² - cable stiffness: flexible - without cable end Screw clamp terminals 1 cable(s) 1...4 mm ² - cable stiffness: flexible - with cable end Screw clamp terminals 2 cable(s) 1...2.5 mm ² - cable stiffness: flexible - with cable end Screw clamp terminals 1 cable(s) 1...4 mm ² - cable stiffness: solid - without cable end Screw clamp terminals 2 cable(s) 1...4 mm ² - cable stiffness: solid - without cable end |
| Tightening torque | 1.2 N.m - on screw clamp terminals - with screwdriver Philips No 2 1.2 N.m - on screw clamp terminals - with screwdriver flat \varnothing 6 mm |
| Control circuit voltage limits | 0.3...0.6 U _c drop-out 0.8...1.1 U _c operational 50 Hz 0.85...1.1 U _c operational 60 Hz |
| Operating time | 4...19 ms coil energisation and NC opening 12...22 ms coil energisation and NO closing 4...12 ms coil de-energisation and NO opening 6...17 ms coil de-energisation and NC closing |
| Mechanical durability | 30 Mcycles |

Informacije dane u ovoj dokumentaciji sadrže opće opise i/ili tehničke karakteristike o performansama ovdje sadržanih proizvoda. Ova dokumentacija nije namijenjena kao zamjena za niti bi se trebala koristiti za određivanje prikladnosti ili pouzdanosti predmetnih proizvoda za konkretne korisničke primjene. Svaki takav korisnik ili integrator dužan je provesti odgovarajuću i potpunu analizu rizika, procjenu i ispitivanje proizvoda u odnosu na odgovarajuću specifičnu primjenu ili uporabu istog. Niti društvo Schneider Electric Industries SAS niti bilo koje od njegovih povezanih poduzeća ili podružnica neće preuzeti obvezu ili snositi odgovornost za pogrešnu upotrebu ovdje sadržanih informacija.

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| Operating rate | 180 cyc/mn |
| Inrush power in VA | 70 VA at 20 °C 50 Hz |
| Hold-in power consumption in VA | 8 VA at 20 °C 50 Hz |
| Minimum switching voltage | 17 V |
| Minimum switching current | 5 mA |
| Non-overlap time | 1.5 ms on de-energisation (between NC and NO contact) 1.5 ms on energisation (between NC and NO contact) |
| Insulation resistance | > 10 MOhm |
| Mechanical robustness | Shocks control relay open 10 Gn for 11 ms IEC 60068-2-27 Shocks control relay closed 15 Gn for 11 ms IEC 60068-2-27 Vibrations control relay open 2 Gn, 5...300 Hz IEC 60068-2-6 Vibrations control relay closed 4 Gn, 5...300 Hz IEC 60068-2-6 |
| Height | 77 mm |
| Width | 45 mm |
| Depth | 84 mm |
| Product weight | 0.58 kg |

Okolina

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|---------------------------------------|---|
| standards | VDE 0660 IEC 60947-5-1 NF C 63-140 BS 4794 EN 60947-5 |
| product certifications | CSA UL |
| IP degree of protection | IP2x front face conforming to VDE 0106 |
| protective treatment | TH conforming to IEC 60068 |
| ambient air temperature for operation | -40...70 °C |
| ambient air temperature for storage | -60...80 °C |
| operating altitude | 3000 m without derating in temperature |

Offer Sustainability

| | |
|---|---|
| Green Premium product | Green Premium product |
| Compliant - since 0627 - Schneider Electric declaration of conformity | Compliant - since 0627 - Schneider Electric declaration of conformity |
| Reference not containing SVHC above the threshold | Reference not containing SVHC above the threshold |
| Available | Available |
| Available | Available |

Contractual warranty

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| Warranty period | 18 months |
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