



Osnovne informacije

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| Grupa proizvoda | TeSys |
| Ime proizvoda | TeSys D |
| Tip proizvoda ili komponente | Kontaktor za promenu smera |
| Kratko ime uređaja | LC2D |
| Primena kontaktora | Rezistivno opterećenje |
| Kategorija upotrebe | AC-1 |
| Prezentacija uređaja | Fabrički sastavljeno, sa preožičenim napajanjem |
| Broj polova | 4P |
| Power pole contact composition | 4 NO |
| [ue] nazivni napon | Power circuit: ≤ 690 V AC 25...400 Hz Power circuit: ≤ 300 V DC |
| [ie] nazivna struja | 32 A (at ≤ 60 °C) at ≤ 440 V AC AC-1 for power circuit |
| Tip upravljačkog kola | AC at 50/60 Hz |
| Napon upravljačkog kola | 230 V AC 50/60 Hz |
| Sastav pomoćnog kontakta | 1 NO + 1 NC |
| [uimp] nazivni podnosivi impulsni napon | 6 kV conforming to IEC 60947 |
| Kategorija prenapona | III |
| [ith] dozvoljena termička struja u vazduhu | 10 A (at 60 °C) for signalling circuit 32 A (at 60 °C) for power circuit |
| Irms nazivna moć uključanja | 140 A AC for signalling circuit conforming to IEC 60947-5-1 250 A DC for signalling circuit conforming to IEC 60947-5-1 300 A at 440 V for power circuit conforming to IEC 60947 |
| Nazivna prekidna moć | 300 A at 440 V for power circuit conforming to IEC 60947 |
| [icw] kratkotrajna podnosiva struja kratkog spoja | 40 A 40 °C - 10 min for power circuit 84 A 40 °C - 1 min for power circuit 145 A 40 °C - 10 s for power circuit 240 A 40 °C - 1 s for power circuit 100 A - 1 s for signalling circuit 120 A - 500 ms for signalling circuit 140 A - 100 ms for signalling circuit |
| Pripadajući osigurač | 10 A gG for signalling circuit conforming to IEC 60947-5-1 50 A gG at ≤ 690 V coordination type 1 for power circuit 35 A gG at ≤ 690 V coordination type 2 for power circuit |
| Prosečna impedansa | 2.5 mOhm - Ith 32 A 50 Hz for power circuit |
| [ui] nazivni napon izolacije | Power circuit: 690 V conforming to IEC 60947-4-1 Power circuit: 600 V CSA certified Power circuit: 600 V UL certified Signalling circuit: 690 V conforming to IEC 60947-1 Signalling circuit: 600 V CSA certified Signalling circuit: 600 V UL certified |
| Električna trajnost | 1 Mcycles 32 A AC-1 at $U_e \leq 440$ V |
| Snaga disipacije po polu | 2.5 W AC-1 |
| Front cover | Sa |
| Tip blokade | Mehanička |
| Nosači za montažu | Ploča Šina |

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| Standardi | CSA C22.2 No 14 EN 60947-4-1 EN 60947-5-1 IEC 60947-4-1 IEC 60947-5-1 UL 508 |
| Sertifikacija proizvoda | UL CSA RINA GOST CCC DNV LROS (Lloyds register of shipping) GL BV |
| Povezivanje - priključci | Control circuit: screw clamp terminals 1 cable(s) 1... 4 mm ² flexible without cable end Control circuit: screw clamp terminals 2 cable(s) 1... 4 mm ² flexible without cable end Control circuit: screw clamp terminals 1 cable(s) 1... 4 mm ² flexible with cable end Control circuit: screw clamp terminals 2 cable(s) 1... 2.5 mm ² flexible with cable end Control circuit: screw clamp terminals 1 cable(s) 1... 4 mm ² solid Control circuit: screw clamp terminals 2 cable(s) 1... 4 mm ² solid Power circuit: connector 1 cable(s) 2.5... 10 mm ² flexible without cable end Power circuit: connector 2 cable(s) 2.5... 10 mm ² flexible without cable end Power circuit: connector 1 cable(s) 2.5... 10 mm ² flexible with cable end Power circuit: connector 2 cable(s) 2.5... 10 mm ² flexible with cable end Power circuit: connector 1 cable(s) 2.5... 16 mm ² solid Power circuit: connector 2 cable(s) 2.5... 16 mm ² solid |
| Moment pritezanja | Control circuit: 1.7 N.m - on screw clamp terminals - with screwdriver flat Ø 6 mm Control circuit: 1.7 N.m - on screw clamp terminals - with screwdriver Philips No 2 Power circuit: 1.7 N.m - on connector - with screwdriver flat Ø 6 mm Power circuit: 1.7 N.m - on connector - with screwdriver Philips No 2 |
| Vreme uključenja/isključenja | 12...22 ms closing 4...19 ms opening |
| Nivo sigurnosne pouzdanosti | B10d = 1369863 cycles contactor with nominal load conforming to EN/ISO 13849-1 B10d = 20000000 cycles contactor with mechanical load conforming to EN/ISO 13849-1 |
| Mehanička trajnost | 15 miliona ciklusa |
| Maksimalni radni ciklus | 3600 cyc/h 60 °C |

Dopunske informacije

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| Tehnologija kalema | Bez ugrađenog prigušivača |
| Ograničenje napona upravljačkog kola | 0.3...0.6 Uc (-40...70 °C):drop-out AC 50/60 Hz 0.8...1.1 Uc (-40...60 °C):operational AC 50 Hz 0.85...1.1 Uc (-40...60 °C):operational AC 60 Hz 1...1.1 Uc (60...70 °C):operational AC 50/60 Hz |
| Udar na snagu u va | 70 VA 60 Hz cos phi 0.75 (at 20 °C) 70 VA 50 Hz cos phi 0.75 (at 20 °C) |
| Snaga držanja u va | 7.5 VA 60 Hz cos phi 0.3 (at 20 °C) 7 VA 50 Hz cos phi 0.3 (at 20 °C) |
| Disipacija toplote | 2...3 W at 50/60 Hz |
| Tip pomoćnog kontakta | Type mechanically linked 1 NO + 1 NC conforming to IEC 60947-5-1 Type mirror contact 1 NC conforming to IEC 60947-4-1 |
| Frekvencija signalnog kola | 25...400 Hz |
| Minimalna struja preklapanja | 5 mA for signalling circuit |
| Minimalni napon preklapanja | 17 V for signalling circuit |

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| Vreme nepreklapanja | 1.5 Ms on de-energisation between NC and NO contact 1.5 ms on energisation between NC and NO contact |
| Otpornost izolacije | > 10 MOhm for signalling circuit |
| Kompatibilnost kontakta | M6 |
| Kompatibilnost | LC2D |

Okruženje

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| Ip stepen zaštite | IP20 front face conforming to IEC 60529 |
| Zaštitni tretman | TH conforming to IEC 60068-2-30 |
| Stepen zaprljanosti | 3 |
| Temperatura okoline za rad | -40...60 °C 60...70 °C with derating |
| Temperatura okoline za skladištenje | -60...80 °C |
| Nadmorska visina za rad uređaja | 0...3000 m |
| Otpornost na vatru | 850 °C conforming to IEC 60695-2-1 |
| Otpornost na plamen | V1 conforming to UL 94 |
| Mehanička robusnost | Vibrations contactor open: 2 Gn, 5...300 Hz Vibrations contactor closed: 4 Gn, 5...300 Hz Shocks contactor closed: 15 Gn for 11 ms Shocks contactor open: 8 Gn for 11 ms |
| Visina | 91 mm |
| Širina | 90 mm |
| Dubina | 98 mm |
| Masa proizvoda | 0,85 kg |

Pakovanje

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| Tip jedinice pakovanja 1 | PCE |
| Broj jedinica u pakovanju 1 | 1 |
| Pakovanje 1 težina | 1,016 kg |
| Pakovanje 1 visina | 11,6 cm |
| Pakovanje 1 širina | 11,6 cm |
| Pakovanje 1 dužina | 14 cm |

Održivost ponude

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| Status održive ponude | Green Premium proizvod |
| Propis REACH | REACH Deklaracija |
| REACH bez SVHC | Da |
| EU RoHS direktiva | Usaglašeno EU RoHS Deklaracija |
| Bez toksičnih teških metala | Da |
| Bez žive | Da |
| Informacije o RoHS izuzecima | Da |
| RoHS regulativa za Kinu | RoHS Deklaracija Za Kinu |
| Izjava o zaštiti okoliša | Profil Ekološke Prihvatljivosti Proizvoda |
| Profil cirkularnosti | Informacije O Kraju Radnog Veka |
| WEEE | Ovaj proizvod je na tržištima Evropske unije neophodno odložiti u skladu sa specifičnim smernicama za prikupljanje otpada i nikako ne sme da dospe u kontejnere za otpatke. |
| Bez PVC | Da |

Ugovorna garancija

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| Garancija | 18 meseci |
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