

LC1D098E7

Contacteur, TeSys Deca, 4P(2NO+2NC), AC-1, <=440V, 20A, 48VAC 50/60Hz coil, screw clamp terminal



Galvenā

| | |
|------------------------------------|--|
| Produkta sērija | TeSys Deca |
| Produkta vai sastāvdaļas veids | Contacteur |
| Ierīces īsais nosaukums | LC1D |
| Contacteur application | Resistive load |
| Utilisation category | AC-1 AC-3 AC-3e AC-4 |
| Polu skaits | 4P |
| [Ue] nominālais darbības spriegums | Strāvas ķēde: <= 690 V AC 25...400 Hz Strāvas ķēde: <= 250 V DC |
| [Ie] rated operational current | 20 A (at <60 °C) at <= 440 V AC AC-1 for strāvas ķēde |
| [Uc] control circuit voltage | 48 V AC 50/60 Hz |

Papildinošs

| | |
|---|--|
| Compatibility code | LC1D |
| Pole contact composition | 2 NO + 2 NC |
| Protective cover | With |
| [Ith] conventional free air thermal current | 20 A (at 60 °C) for strāvas ķēde 10 A (at 60 °C) for signalling circuit |
| Irms rated making capacity | 250 A at 440 V for strāvas ķēde conforming to IEC 60947 140 A AC for signalling circuit conforming to IEC 60947-5-1 250 A DC for signalling circuit conforming to IEC 60947-5-1 |
| Rated breaking capacity | 250 A at 440 V for strāvas ķēde conforming to IEC 60947 |
| [Icw] rated short-time withstand current | 105 A 40 °C - 10 s for strāvas ķēde 210 A 40 °C - 1 s for strāvas ķēde 30 A 40 °C - 10 min for strāvas ķēde 61 A 40 °C - 1 min for strāvas ķēde 100 A - 1 s for signalling circuit 120 A - 500 ms for signalling circuit 140 A - 100 ms for signalling circuit |
| Associated fuse rating | 10 A gG for signalling circuit conforming to IEC 60947-5-1 25 A gG at <= 690 V coordination type 1 for strāvas ķēde 20 A gG at <= 690 V coordination type 2 for strāvas ķēde |
| Average impedance | 2,5 mhm - Ith 25 A 50 Hz for strāvas ķēde |
| Power dissipation per pole | 1,56 W AC-1 |
| [Ui] rated insulation voltage | Strāvas ķēde 690 V IEC 60947-4-1 Strāvas ķēde 600 V CSA Strāvas ķēde 600 V UL Signalling circuit 690 V IEC 60947-1 Signalling circuit 600 V CSA Signalling circuit 600 V UL |
| Pārsprieguma kategorija | III |
| Piesārņojuma pakāpe | 3 |
| [Uimp] rated impulse withstand voltage | 6 kV IEC 60947 |
| Safety reliability level | B10d = 1369863 cikli contacteur with nominal load EN/ISO 13849-1 B10d = 20000000 cikli contacteur with mechanical load EN/ISO 13849-1 |
| Mehāniskā izturība | 15 M cikli |
| Electrical durability | 0,3 M cikli 20 A AC-1 <= 690 V |

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

| | |
|---------------------------------|--|
| Control circuit type | AC 50/60 Hz |
| Coil technology | Without built-in suppressor module |
| Control circuit voltage limits | 0.3...0.6 U _c -40...60 °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 |
| Inrush power in VA | 70 VA 60 Hz cos phi 0,75 (at 20 °C) 70 VA 50 Hz cos phi 0,75 (at 20 °C) |
| Hold-in power consumption in VA | 7,5 VA 60 Hz cos phi 0,3 (at 20 °C) 7 VA 50 Hz cos phi 0,3 (at 20 °C) |
| Heat dissipation | 2...3 W at 50/60 Hz |
| Operating time | 12...22 ms closing 4...19 ms opening |
| Maximum operating rate | 3600 cikls/h 60 °C |
| Connections - terminals | Strāvas ķēde: screw clamp terminals 1 1...4 mm ² - cable stiffness: elastīgs without cable end Strāvas ķēde: screw clamp terminals 2 1...4 mm ² - cable stiffness: elastīgs without cable end Strāvas ķēde: screw clamp terminals 1 1...4 mm ² - cable stiffness: elastīgs with cable end Strāvas ķēde: screw clamp terminals 2 1...2,5 mm ² - cable stiffness: elastīgs with cable end Strāvas ķēde: screw clamp terminals 1 1...4 mm ² - cable stiffness: ciets without cable end Strāvas ķēde: screw clamp terminals 2 1...4 mm ² - cable stiffness: ciets without cable end Control circuit: screw clamp terminals 1 1...4 mm ² - cable stiffness: elastīgs without cable end Control circuit: screw clamp terminals 2 1...4 mm ² - cable stiffness: elastīgs without cable end Control circuit: screw clamp terminals 1 1...4 mm ² - cable stiffness: elastīgs with cable end Control circuit: screw clamp terminals 2 1...2,5 mm ² - cable stiffness: elastīgs with cable end Control circuit: screw clamp terminals 1 1...4 mm ² - cable stiffness: ciets without cable end Control circuit: screw clamp terminals 2 1...4 mm ² - cable stiffness: ciets without cable end |
| Tightening torque | Strāvas ķēde 1,7 N.m screw clamp terminals flat Ø 6 mm Strāvas ķēde 1,7 N.m screw clamp terminals Philips No 2 Control circuit 1,7 N.m screw clamp terminals flat Ø 6 mm Control circuit 1,7 N.m screw clamp terminals Philips No 2 Control circuit 1,7 N.m screw clamp terminals pozidriv No 2 Strāvas ķēde 1,7 N.m screw clamp terminals pozidriv No 2 |
| Papildkontakta veids | 1 NO + 1 NC |
| Auxiliary contacts type | Mechanically linked 1 NO + 1 NC IEC 60947-5-1 Mirror contact 1 NC IEC 60947-4-1 |
| Signalling circuit frequency | 25...400 Hz |
| Minimum switching voltage | 17 V for signalling circuit |
| Minimum switching current | 5 mA for signalling circuit |
| Insulation resistance | > 10 MOhm for signalling circuit |
| Non-overlap time | 1,5 Ms on de-energisation between NC and NO contact 1,5 ms on energisation between NC and NO contact |
| Montāžas stiprinājums | Plāksne Rail |



Vide

| | |
|---|--|
| Standards | CSA C22.2 No 60947-4-1 EN 60947-4-1 EN 60947-5-1 IEC 60947-4-1 IEC 60947-5-1 UL 60947-5-1 UL 60947-4-1 CSA C22.2 No 60947-5-1 GB/T 14048.4 |
| Produkta sertifikācija | UL[RETURN]CCC[RETURN]CSA[RETURN]UKCA[RETURN]EAC[RETURN]CB[RETURN]EU-RO-MR by DNV-GL |
| IP degree of protection | IP20 priekšpuse IEC 60529 |
| Protective treatment | THIEC 60068-2-30 |
| Climatic withstand | IACS E10 exposure to damp heat IEC 60947-1 Annex Q category D exposure to damp heat |
| Permissible ambient air temperature around the device | -40...60 °C 60...70 °C with derating |
| Operating altitude | 0...3000 m |
| Fire resistance | 850 °C IEC 60695-2-1 |
| Flame retardance | V1 UL 94 |
| Mechanical robustness | Vibrations contactor open 2 Gn, 5...300 Hz) Vibrations contactor closed 4 Gn, 5...300 Hz) Shocks contactor open 10 Gn for 11 ms) Shocks contactor closed 15 Gn for 11 ms) |
| Augstums | 85 mm |
| Platums | 45 mm |
| Dziļums | 92 mm |
| Neto svars | 0,365 kg |

Iepakojšanas vienības

| | |
|--------------------------------|------------|
| Pirmā iepakojuma vienības tips | PCE |
| Vienību skaits 1. iepakojumā | 1 |
| 1. iepakojuma augstums | 5,800 cm |
| 1. iepakojuma platums | 9,500 cm |
| 1. iepakojuma garums | 12,000 cm |
| 1. iepakojuma svars | 393,000 g |
| Otrā iepakojuma vienības tips | S02 |
| Vienību skaits 2. iepakojumā | 16 |
| 2. iepakojuma augstums | 15,000 cm |
| 2. iepakojuma platums | 30,000 cm |
| 2. iepakojuma garums | 40,000 cm |
| 2. iepakojuma svars | 6,798 kg |
| Trešā iepakojuma vienības tips | P06 |
| Vienību skaits 3. iepakojumā | 256 |
| 3. iepakojuma augstums | 75,000 cm |
| 3. iepakojuma platums | 60,000 cm |
| 3. iepakojuma garums | 80,000 cm |
| 3. iepakojuma svars | 116,768 kg |

Piedāvājiēt ilgtspēju

| | |
|----------------------------------|--|
| Ilgspējīgs piedāvājuma statuss | Green Premium izstrādājums |
| REACH regula |  REACH Deklarācija |
| Nesatur REACH SVHC | Jā |
| ES RoHS direktīva | Atbilstīgs  ES RoHS Deklarācija |
| Nesatur toksiskus smagos metālus | Jā |
| Nesatur dzīvsudrabu | Jā |

| | |
|---------------------------------|--|
| Ķīnas RoHS regula | Ķīnas RoHS Deklarācija |
| Informācija par RoHS izņēmumiem | Jā |
| Vides informācijas publicēšana | Produkta Ietekme Uz Vidi |
| Cirkularitātes profils | Informācija Par Eksploatācijas Izbeigšanu |
| WEEE | Eiropas Savienības tirgū no šī produkta ir jāatbrīvojas, ievērojot noteiktu atkritumu savākšanas kārtību, un produkts nedrīkst nonākt sadzīves atkritumu tvertnēs. |
| Nesatur PVH | Jā |

Līguma garantija

| | |
|-----------|-----------|
| Garantija | 18 months |
|-----------|-----------|