

LC1K1210B7

Contacteur, TeSys K, 3P, AC-3/AC-3e, 440V
12A, 1NO aux, 24V AC coil, screw clamp
terminals



Galvenā

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| Diapazons | TeSys |
| Produkta vai sastāvdaļas veids | Contacteur |
| Ierīces īsais nosaukums | LC1K |
| Ierīces pielietojums | Kontrolē |
| Contacteur application | Motor control Resistive load |

Papildinošs

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| Utilisation category | AC-3 AC-3e AC-1 AC-4 |
| Polu skaits | 3P |
| Power pole contact composition | 3 NO |
| [Ue] nominālais darbības spriegums | Strāvas ķēde: ≤ 690 V AC ≤ 400 Hz Signalling circuit: ≤ 690 V AC ≤ 400 Hz |
| [Ie] rated operational current | 12 A (at <60 °C) at ≤ 440 V AC AC-3 for strāvas ķēde 12 A (at <60 °C) at ≤ 440 V AC AC-3e for strāvas ķēde 20 A (at <60 °C) at ≤ 690 V AC AC-1 for strāvas ķēde |
| Control circuit type | AC 50/60 Hz |
| [Uc] control circuit voltage | 24 V AC 50/60 Hz |
| Motor power kW | 3 kW 220...230 V AC 50/60 Hz AC-3 5,5 kW 380...415 V AC 50/60 Hz AC-3 5,5 kW 440 V AC 50/60 Hz AC-3 4 kW 690 V AC 50/60 Hz AC-3 3 kW 220...230 V AC 50/60 Hz AC-3e 5,5 kW 380...415 V AC 50/60 Hz AC-3e 5,5 kW 440 V AC 50/60 Hz AC-3e 4 kW 690 V AC 50/60 Hz AC-3e 3 kW 220...230 V AC 50/60 Hz AC-4 5,5 kW 380...415 V AC 50/60 Hz AC-4 5,5 kW 440 V AC 50/60 Hz AC-4 4 kW 690 V AC 50/60 Hz AC-4 |
| Papildkontakta veids | 1 NO |
| [Uimp] rated impulse withstand voltage | 8 kV |
| Pārsprieguma kategorija | III |
| [Ith] conventional free air thermal current | 20 A (at 60 °C) for strāvas ķēde 10 A (at 50 °C) for signalling circuit |
| Irms rated making capacity | 144 A AC for strāvas ķēde conforming to IEC 60947 110 A AC for signalling circuit conforming to IEC 60947 |
| Rated breaking capacity | 110 A at 440 V conforming to IEC 60947 80 A at 500 V conforming to IEC 60947 70 A at 660...690 V conforming to IEC 60947 |

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| [Icw] rated short-time withstand current | 115 A 50 °C - 1 s for strāvas ķēde 105 A 50 °C - 5 s for strāvas ķēde 100 A 50 °C - 10 s for strāvas ķēde 75 A 50 °C - 30 s for strāvas ķēde 55 A 50 °C - 1 min for strāvas ķēde 50 A 50 °C - 3 min for strāvas ķēde 25 A 50 °C - >= 15 min for strāvas ķēde 80 A - 1 s for signalling circuit 90 A - 500 ms for signalling circuit 110 A - 100 ms for signalling circuit |
| Associated fuse rating | 25 A gG at <= 440 V for strāvas ķēde 25 A aM for strāvas ķēde 10 A gG for signalling circuit conforming to IEC 60947 10 A gG for signalling circuit conforming to VDE 0660 |
| Average impedance | 3 mhm - Ith 20 A 50 Hz for strāvas ķēde |
| [Ui] rated insulation voltage | Strāvas ķēde 600 V UL 508 Strāvas ķēde 690 V IEC 60947-4-1 Signalling circuit 690 V IEC 60947-4-1 Signalling circuit 690 V IEC 60947-5-1 Signalling circuit 600 V UL 508 Strāvas ķēde 600 V CSA C22.2 No 14 Signalling circuit 600 V CSA C22.2 No 14 |
| Insulation resistance | > 10 MOhm for signalling circuit |
| Inrush power in VA | 30 VA (at 20 °C) |
| Hold-in power consumption in VA | 4,5 VA (at 20 °C) |
| Heat dissipation | 1,3 W |
| Control circuit voltage limits | Operational: 0.8...1.15 Uc (at <50 °C) Drop-out: >= 0.20 Uc (at <50 °C) |
| Connections - terminals | Screw clamp terminals 1 1,5...4 mm ² ciets Screw clamp terminals 1 0,75...4 mm ² elastīgs without cable end Screw clamp terminals 1 0,34...2,5 mm ² elastīgs with cable end Screw clamp terminals 2 1,5...4 mm ² ciets Screw clamp terminals 2 0,75...4 mm ² elastīgs without cable end Screw clamp terminals 2 0,34...1,5 mm ² elastīgs with cable end |
| Maximum operating rate | 3600 cikls/h |
| Auxiliary contacts type | Instantaneous 1 NO |
| Signalling circuit frequency | <= 400 Hz |
| Minimum switching current | 5 mA for signalling circuit |
| Minimum switching voltage | 17 V for signalling circuit |
| Montāžas stiprinājums | Plāksne Rail |
| Tightening torque | 0,8...1,3 N.M screw clamp terminals Philips No 2 0,8...1,3 N.M screw clamp terminals flat Ø 6 mm 0,8...1,3 N.m screw clamp terminals pozidriv No 2 |
| Operating time | 10...20 ms coil de-energisation and NO opening 10...20 ms coil energisation and NO closing |
| Safety reliability level | B10d = 1369863 cikli contactor with nominal load EN/ISO 13849-1 B10d = 2000000 cikli contactor with mechanical load EN/ISO 13849-1 |
| Non overlap distance | 0,5 mm |
| Mehāniskā izturība | 10 M cikli |
| Electrical durability | 1,3 M cikli 12 A AC-3 <= 440 V 1,3 M cikli 12 A AC-3e <= 440 V 0,3 M cikli 20 A AC-1 <= 690 V 0,02 M cikli 72 A AC-4 <= 440 V |
| Mechanical robustness | Shocks contactor closed, on X axis 10 Gn for 11 ms IEC 60068-2-27 Shocks contactor closed, on Y axis 15 Gn for 11 ms IEC 60068-2-27 Shocks contactor closed, on Z axis 15 Gn for 11 ms IEC 60068-2-27 Shocks contactor opened, on X axis 6 Gn for 11 ms IEC 60068-2-27 Shocks contactor opened, on Y axis 10 Gn for 11 ms IEC 60068-2-27 Shocks contactor opened, on Z axis 10 Gn for 11 ms IEC 60068-2-27 Vibrations contactor closed 4 Gn, 5...300 Hz IEC 60068-2-6 Vibrations contactor opened 2 Gn, 5...300 Hz IEC 60068-2-6 |
| Augstums | 58 mm |
| Platums | 45 mm |
| Dziļums | 57 mm |
| Neto svars | 0,18 kg |

Vide

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| Standards | EN/IEC 60947-4-1 GB/T 14048.4 UL 60947-4-1 CSA C22.2 No 60947-4-1 JIS C8201-4-1 |
| Produkta sertifikācija | CB Scheme[RETURN]CCC[RETURN]UL[RETURN]CSA[RETURN]EAC[RETURN]CE[RETURN]UK[RETURN] |
| IP degree of protection | IP2X VDE 0106 |
| Protective treatment | TC IEC 60068 TC DIN 50016 |
| Apkārtējā gaisa temperatūra uzglabāšanai | -50...80 °C |
| Operating altitude | 2000 m without derating |
| Flame retardance | V1 UL 94 Requirement 2 NF F 16-101 Requirement 2 NF F 16-102 |

Iepakojšanas vienības

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| Pirmā iepakojuma vienības tips | PCE |
| Vienību skaits 1. iepakojumā | 1 |
| 1. iepakojuma augstums | 5,0 cm |
| 1. iepakojuma platums | 6,0 cm |
| 1. iepakojuma garums | 6,5 cm |
| 1. iepakojuma svars | 179,3 g |
| Otrā iepakojuma vienības tips | S02 |
| Vienību skaits 2. iepakojumā | 50 |
| 2. iepakojuma augstums | 15,0 cm |
| 2. iepakojuma platums | 30,0 cm |
| 2. iepakojuma garums | 40,0 cm |
| 2. iepakojuma svars | 9,198 kg |
| Trešā iepakojuma vienības tips | P06 |
| Vienību skaits 3. iepakojumā | 800 |
| 3. iepakojuma augstums | 75,0 cm |
| 3. iepakojuma platums | 80,0 cm |
| 3. iepakojuma garums | 60,0 cm |
| 3. iepakojuma svars | 155,168 kg |

Piedāvājiet ilgtspēju

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| Ilgtspējīgs 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. |

Līguma garantija

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| Garantija | 18 months |
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