



Galvenā

Diapazons	TeSys
Produkta vai sastāvdaļas veids	Contactur
Ieīces īsais nosaukums	LC1K
Ieīces pielietojums	Kontrolē
Contactur application	Resistive load

Papildinoīšs

Utilisation category	AC-1
Polu skaits	4P
Power pole contact composition	2 NO + 2 NC
[Ue] nominālais darbības spriegums	Strāvas ķēde: ≤ 690 V AC ≤ 400 Hz Signalling circuit: ≤ 690 V AC ≤ 400 Hz
[Ie] rated operational current	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	230 V AC 50/60 Hz
[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	110 A AC for strāvas ķēde conforming to IEC 60947
Rated breaking capacity	110 A at 220...230 V conforming to IEC 60947 110 A at 380...400 V conforming to IEC 60947 110 A at 415 V conforming to IEC 60947 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
[Icw] rated short-time withstand current	90 A 50 °C - 1 s for strāvas ķēde 85 A 50 °C - 5 s for strāvas ķēde 80 A 50 °C - 10 s for strāvas ķēde 60 A 50 °C - 30 s for strāvas ķēde 45 A 50 °C - 1 min for strāvas ķēde 40 A 50 °C - 3 min for strāvas ķēde 20 A 50 °C - ≥ 15 min for strāvas ķēde
Associated fuse rating	25 A gG at ≤ 440 V for strāvas ķēde 25 A aM for strāvas ķēde
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 Strāvas ķēde 600 V CSA C22.2 No 14
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)

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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
Signalling circuit frequency	<= 400 Hz
Montāžas stiprinājums	Rail Plāksne
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 15...25 ms coil de-energisation and NC closing 5...15 ms coil energisation and NC opening
Safety reliability level	B10d = 1369863 cikli contactor with nominal load EN/ISO 13849-1 B10d = 20000000 cikli contactor with mechanical load EN/ISO 13849-1
Mehāniskā izturība	10 M cikli
Electrical durability	0,16 M cikli 20 A AC-1 <= 690 V
Mechanical robustness	Shocks contactor closed, on X axis10 Gn for 11 ms IEC 60068-2-27 Shocks contactor closed, on Y axis15 Gn for 11 ms IEC 60068-2-27 Shocks contactor closed, on Z axis15 Gn for 11 ms IEC 60068-2-27 Shocks contactor opened, on X axis6 Gn for 11 ms IEC 60068-2-27 Shocks contactor opened, on Y axis10 Gn for 11 ms IEC 60068-2-27 Shocks contactor opened, on Z axis10 Gn for 11 ms IEC 60068-2-27 Vibrations contactor closed4 Gn, 5...300 Hz IEC 60068-2-6 Vibrations contactor opened2 Gn, 5...300 Hz IEC 60068-2-6
Augstums	58 mm
Platums	45 mm
Dziļums	57 mm
Neto svars	0,18 kg

Vide

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]UKCA
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

Pirmā iepakojuma vienības tips	PCE
Vienību skaits 1. iepakojumā	1
1. iepakojuma augstums	5,000 cm
1. iepakojuma platums	6,500 cm
1. iepakojuma garums	6,500 cm
1. iepakojuma svars	179,100 g
Otrā iepakojuma vienības tips	S02
Vienību skaits 2. iepakojumā	50
2. iepakojuma augstums	15,000 cm
2. iepakojuma platums	30,000 cm
2. iepakojuma garums	40,000 cm
2. iepakojuma svars	9,191 kg

Piedāvājiēt ilgtspēju

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

Garantija	18 months
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