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Electric tools

**LC1K1610B7**
Kontaktor 16A 3P+1NO 24VAC

EI-nummer: 4177571
EAN: 3389110124286



Last ned produktdatablad for LC1K1610B7 3D CAD Modell

Karakteristikk**Teknisk informasjon**

Serie	TeSys
Produkt eller type komponent	Kontaktor
Produktnavn	TeSys K
Kortnavn utstyr	LC1K
Applikasjon	Kontroll
Contactor application	Motor control

Komplementær

Driftskategori	AC-3 AC-1
Antall poler	3P
Power pole contact composition	3 NO
[Ue] merkespenning	Power circuit: 690 V AC 50/60 Hz Signalling circuit: 690 V AC 50/60 Hz
[Ie] nominell driftsstrøm	16 A at ≤ 440 V AC-3 for power circuit 20 A at ≤ 690 V AC-1 for power circuit
Kontrollkretstype	AC at 50/60 Hz
Styrespenning	24 V AC 50/60 Hz
Motoreffekt kW	4 kW at 480 V AC 50/60 Hz 4 kW at 500...600 V AC 50/60 Hz 4 kW at 660...690 V AC 50/60 Hz 5.5 kW at 440 V AC 50/60 Hz 4 kW at 220...230 V AC 50/60 Hz 7.5 kW at 380...415 V AC 50/60 Hz
Hjelpekontakt sammensetning	1 NO
[Uimp] Nominell impulslenning	8 kV
Overspenningskategori	III
[Ith] fri luft termisk strøm	20 A (at 50 °C) for power circuit 10 A (at 50 °C) for signalling circuit
Irms rated making capacity	110 A AC for signalling circuit conforming to IEC 60947 160 A AC for power circuit conforming to N F C 63-110 160 A AC for power 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
[Icw] kort-tids/kortslutnings merkestrøm	115 A 50 °C - 1 s for power circuit 105 A 50 °C - 5 s for power circuit 100 A 50 °C - 10 s for power circuit 75 A 50 °C - 30 s for power circuit 55 A 50 °C - 1 min for power circuit 50 A 50 °C - 3 min for power circuit 25 A 50 °C - >= 15 min for power circuit 80 A - 1 s for signalling circuit 90 A - 500 ms for signalling circuit 110 A - 100 ms for signalling circuit
Sikringsstørrelse	25 A gG at <= 440 V for power circuit 25 A aM for power circuit 10 A gG for signalling circuit conforming to IEC 60947 10 A gG for signalling circuit conforming to VDE 0660
Gjennomsnittlig impedanse	3 mOhm - Ith 20 A 50 Hz for power circuit
[Ui] isolasjonsspenning	Power circuit: 600 V conforming to UL 508 Power circuit: 690 V conforming to IEC 60947-4-1 Signalling circuit: 690 V conforming to IEC 60947-4-1 Signalling circuit: 690 V conforming to IEC 60947-5-1 Signalling circuit: 600 V conforming to UL 508 Power circuit: 600 V conforming to CSA C22.2 No 14 Signalling circuit: 600 V conforming to CSA C22.2 No 14
Isolasjonsmotstand	> 10 MOhm for signalling circuit
Inrush power in VA	30 VA (at 20 °C)
Hold-in strømforbruk i VA	4.5 VA (at 20 °C)
Varmeavgivelse	1.3 W
Control circuit voltage limits	Operational: 0.8...1.15 Uc (at <50 °C) Drop-out: 0.2...0.75 Uc (at <50 °C)
Tilkoblingsklemmer	Screw clamp terminals 1 cable(s) 1.5... 4 mm²solid Screw clamp terminals 1 cable(s) 0.75... 4 mm²flexible without cable end Screw clamp terminals 1 cable(s) 0.34... 2.5 mm²flexible with cable end Screw clamp terminals 2 cable(s) 1.5... 4 mm²solid Screw clamp terminals 2 cable(s) 0.75... 4 mm²flexible without cable end Screw clamp terminals 2 cable(s) 0.34... 1.5 mm²flexible with cable end
Bruksområde	3600 cyc/h
Auxiliary contacts type	Type instantaneous 1 NO
Signale krets frekvens	<= 400 Hz
Minimum brytestrøm	5 mA for signalling circuit
Minimum switching voltage	17 V for signalling circuit
Montering	Plate Skinne
Tiltrekkningsmoment	1.3 N.m - on screw clamp terminals - with screwdriver Philips No 2 1.3 N.m - on screw clamp terminals - with screwdriver flat Ø 6 mm
Driftstid	10...20 ms coil de-energisation and NO opening 10...20 ms coil energisation and NO closing

Sikkerhet pålitelighet nivå	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
Non overlapping avstand	0.5 mm
Mekanisk levetid	10 Mcycles
Elektrisk levetid	1.3 Mcycles 16 A AC-3 at Ue ≤ 440 V
Mekanisk robusthet	Shocks contactor closed, on X axis: 10 Gn for 11 ms conforming to IEC 60068-2-27 Shocks contactor closed, on Y axis: 15 Gn for 11 ms conforming to IEC 60068-2-27 Shocks contactor closed, on Z axis: 15 Gn for 11 ms conforming to IEC 60068-2-27 Shocks contactor opened, on X axis: 6 Gn for 11 ms conforming to IEC 60068-2-27 Shocks contactor opened, on Y axis: 10 Gn for 11 ms conforming to IEC 60068-2-27 Shocks contactor opened, on Z axis: 10 Gn for 11 ms conforming to IEC 60068-2-27 Vibrations contactor closed: 4 Gn, 5...300 Hz conforming to IEC 60068-2-6 Vibrations contactor opened: 2 Gn, 5...300 Hz conforming to IEC 60068-2-6
Høyde	58 mm
Bredde	45 mm
Dybde	57 mm
Vekt	0,18 kg
Miljø	
Standarder	EN/IEC 60947-4-1 EN/IEC 60947-5-1
Produktsertifikater	CB Scheme
IP-grad	IP2x conforming to VDE 0106
Protective treatment	TC conforming to IEC 60068 TC conforming to DIN 50016
Omgivelsestemperatur for drift	-25...50 °C
Omgivelsestemperatur for lagring	-50...80 °C
Operating altitude	2000 m without derating
Flammehemming	V1 conforming to UL 94
Packing Units	
Enhetsstype forpakning 1	PCE
Antall enheter forpakning 1	1
Forpakning 1 vekt	178,3 g
Forpakning 1 høyde	4,8 cm
Forpakning 1 bredde	6,1 cm
Forpakning 1 lengde	6,4 cm
Enhetsstype forpakning 2	S02
Antall enheter forpakning 2	50
Forpakning 2 vekt	9,305 kg
Forpakning 2 høyde	15 cm

Forpakning 2 bredde	30 cm
Forpakning 2 lengde	40 cm
Offer Sustainability	
Produktets miljøstatus	Green Premium miljømerket produkt
REACH-regelverk	REACH-erklæring
REACH fri for SVHC	Ja
EU RoHS-direktiv	I samsvar EU RoHS-erklæring
Fri for giftige tungmetaller	Ja
Kvikksølv fri	Ja
Informasjon om RoHS-unntak	Ja
Kinas RoHS-forskrift	Kinas RoHS-erklæring
Miljøinformasjon	Produktmiljøprofil
Produktets livssyklus	Informasjon om levetidsslutt
WEEE	Innen EU må produktet avhendes i henhold til bestemte regler for avfallshåndtering og aldri kastes som husholdningsavfall.
Garantiperiode	
Garanti	18 months