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Electric tools



LC1K1201P7

Kontaktor 12A 3P+1NC 230VAC

EI-nummer: 4176302

EAN: 3389110856958

Last ned produktdatablad for LC1K1201P7 3D CAD Modell

Karakteristikk

Teknisk informasjon

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

Komplementær

Driftskategori	AC-1 AC-3 AC-4
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	20 A (at 50°C) at ≤ 440 V AC AC-1 for power circuit 12 A at ≤ 440 V AC AC-3 for power circuit 16 A (at 70°C) at 690 V AC AC-1 for power circuit
Kontrollkretstype	AC at 50/60 Hz
Styrespenning	230 V AC 50/60 Hz
Motoreffekt kW	4 kW på 480 V AC 50/60 Hz AC-3 4 kW på 500...600 V AC 50/60 Hz AC-3 4 kW på 660...690 V AC 50/60 Hz AC-3 2,2 kW på 400V AC 50/60 Hz AC-4 3 kW at 220...230 V AC 50/60 Hz AC-3 5.5 kW at 380...415 V AC 50/60 Hz AC-3 5.5 kW at 440 V AC 50/60 Hz AC-3
Hjelpkontakt sammensetning	1 NC
[Uimp] Nominell impuls spenning	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 144 A AC for power circuit conforming to NF C 63-110 144 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 80 A - 1 s for signalling circuit 90 A - 500 ms for signalling circuit 110 A - 100 ms for signalling circuit 25 A 50 °C - >= 15 min for power 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 - lth 20 A 50 Hz for power circuit
[Uij] isolasjonsspenning	Power circuit: 600 V conforming to UL 508 Hovedstrøm: 690 V i samsvar med 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 signale krets
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 mm ² solid Screw clamp terminals 1 cable(s) 0.75... 4 mm ² flexible without cable end Screw clamp terminals 1 cable(s) 0.34... 2.5 mm ² flexible with cable end Screw clamp terminals 2 cable(s) 1.5... 4 mm ² solid Screw clamp terminals 2 cable(s) 0.75... 4 mm ² flexible without cable end Screw clamp terminals 2 cable(s) 0.34... 1.5 mm ² flexible with cable end
Bruksområde	3600 cyc/h
Auxiliary contacts type	Type instantaneous 1 NC
Signale krets frekvens	<= 400 Hz
Minimum brytestrøm	5 mA for signale krets
Minimum switching voltage	17 V for signale krets
Montering	Skinne Plate

Tiltrekningsmoment	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 sykuser kontaktor med nominell last i samsvar med EN/ISO 13849-1 B10d = 20000000 sykuser kontaktor med mekanisk belastning i samsvar med EN/ISO 13849-1
Non overlapping avstand	0.5 mm
Mekanisk levetid	10 Mcycles
Elektrisk levetid	0.3 Mcycles 20 A AC-1 at Ue ≤ 440 V 1.3 Mcycles 12 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	BS 5424 IEC 60947 NF C 63-110 VDE 0660
Produktsertifikater	CSA UL
IP-grad	IP2x conforming to VDE 0106
Protective treatment	TC conforming to IEC 60068 TC conforming to DIN 50016
Omgivelsestemperatur for lagring	-50...80 °C
Operating altitude	2000 m without derating
Flammehemming	V1 i samsvar med UL 94 Requirement 2 conforming to NF F 16-101 Requirement 2 conforming to NF F 16-102
Packing Units	
Enhets type forpakning 1	PCE
Antall enheter forpakning 1	1
Forpakning 1 vekt	178,9 g
Forpakning 1 høyde	4,7 cm
Forpakning 1 bredde	6 cm

Forpakning 1 lengde	6,5 cm
Enhetsstype forpakning 2	S02
Antall enheter forpakning 2	50
Forpakning 2 vekt	9,205 kg
Forpakning 2 høyde	15 cm
Forpakning 2 bredde	30 cm
Forpakning 2 lengde	40 cm
Offer Sustainability	
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
WEEE	Innen EU må produktet avhendes i henhold til bestemte regler for avfallshåndtering og aldri kastes som husholdningsavfall.
Contractual warranty	
Garanti	18 months