

## Mer om LC1K0610M7

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Electric tools

**LC1K0610M7**

"Minikontakter. Skruemontasje eller DIN-skinne 35 mm.  
""Snap-on"" hjelpekontakt

EI-nummer: 4176025

EAN: 3389110368802

Last ned produktdatablad for LC1K0610M7 3D CAD Modell

## Karakteristikk

## Teknisk informasjon

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

## Komplementær

Driftskategori	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	6 A at ≤ 440 V AC AC-3 for power circuit
Kontrollkretstype	AC på 50/60 Hz
Styrespenning	220...230 V AC 50/60 Hz
Motoreffekt kW	1.5 kW at 220...230 V AC 50/60 Hz AC-3 2.2 kW at 380...415 V AC 50/60 Hz AC-3 3 kW at 440 V AC 50/60 Hz AC-3 3 kW at 480 V AC 50/60 Hz AC-3 3 kW at 500...600 V AC 50/60 Hz AC-3 3 kW at 660...690 V AC 50/60 Hz AC-3 1.5 kW at 400 V AC 50/60 Hz AC-4
Hjelpekontakt sammensetning	1 NO
[Uimp] Nominell impuls <span>­</span> 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 power circuit conforming to NF C 63-110 110 A AC for power circuit conforming to IEC 60947 110 A AC for signalling circuit conforming to IEC 60947

<b>Rated breaking capacity</b>	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 110 A at 220...230 V conforming to IEC 60947 110 A at 380...400 V conforming to IEC 60947 70 A at 660...690 V conforming to IEC 60947
<b>[Icw] kort-tids/kortslutnings merkestrøm</b>	90 A 50 °C - 1 s for power circuit 85 A 50 °C - 5 s for power circuit 80 A 50 °C - 10 s for power circuit 60 A 50 °C - 30 s for power circuit 45 A 50 °C - 1 min for power circuit 40 A 50 °C - 3 min for power circuit 20 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
<b>Sikringsstørrelse</b>	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
<b>Gjennomsnittlig impedanse</b>	3 mOhm - Ith 20 A 50 Hz for power circuit
<b>[Ui] isolasjonsspenning</b>	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
<b>Isolasjonsmotstand</b>	> 10 MOhm for signale krets
<b>Inrush power in VA</b>	30 VA (at 20 °C)
<b>Hold-in strømforbruk i VA</b>	4.5 VA (at 20 °C)
<b>Varmeavgivelse</b>	1.3 W
<b>Control circuit voltage limits</b>	Operational: 0.8...1.15 U <sub>c</sub> (at <50 °C) Drop-out: 0.2...0.75 U <sub>c</sub> (at <50 °C)
<b>Tilkoblingsklemmer</b>	Screw clamp terminals 1 cable(s) 1.5... 4 mm <sup>2</sup> solid Screw clamp terminals 1 cable(s) 0.75... 4 mm <sup>2</sup> flexible without cable end Screw clamp terminals 1 cable(s) 0.34... 2.5 mm <sup>2</sup> flexible with cable end Screw clamp terminals 2 cable(s) 1.5... 4 mm <sup>2</sup> solid Screw clamp terminals 2 cable(s) 0.75... 4 mm <sup>2</sup> flexible without cable end Screw clamp terminals 2 cable(s) 0.34... 1.5 mm <sup>2</sup> flexible with cable end
<b>Bruksområde</b>	3600 cyc/h
<b>Auxiliary contacts type</b>	Type instantaneous 1 NO
<b>Signale krets frekvens</b>	<= 400 Hz
<b>Minimum brytestrøm</b>	5 mA for signale krets
<b>Minimum switching voltage</b>	17 V for signale krets
<b>Montering</b>	Skinne Plate
<b>Tiltrekkningsmoment</b>	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

<b>Driftstid</b>	10...20 ms coil de-energisation and NO opening 10...20 ms coil energisation and NO closing
<b>Sikkerhet pålitelighet nivå</b>	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
<b>Non overlapping avstand</b>	0.5 mm
<b>Mekanisk levetid</b>	10 Mcycles
<b>Elektrisk levetid</b>	1.3 Mcycles 6 A AC-3 at Ue <= 440 V
<b>Mekanisk robusthet</b>	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
<b>Høyde</b>	58 mm
<b>Bredde</b>	45 mm
<b>Dybde</b>	57 mm
<b>Vekt</b>	0,18 kg
<b>Miljø</b>	
<b>Standarder</b>	BS 5424 IEC 60947 NF C 63-110 VDE 0660
<b>Produktsertifikater</b>	UL CSA
<b>IP-grad</b>	IP2x conforming to VDE 0106
<b>Protective treatment</b>	TC conforming to IEC 60068 TC conforming to DIN 50016
<b>Omgivelsestemperatur for lagring</b>	-50...80 °C
<b>Operating altitude</b>	2000 m without derating
<b>Flammehemming</b>	V1 i samsvar med UL 94 Requirement 2 conforming to NF F 16-101 Requirement 2 conforming to NF F 16-102
<b>Packing Units</b>	
<b>Enhetstype forpakning 1</b>	PCE
<b>Antall enheter forpakning 1</b>	1
<b>Forpakning 1 vekt</b>	177,9 g
<b>Forpakning 1 høyde</b>	4,7 cm
<b>Forpakning 1 bredde</b>	6 cm

Forpakning 1 lengde	6,5 cm
Enhetstype forpakning 2	S02
Antall enheter forpakning 2	50
Forpakning 2 vekt	9,155 kg
Forpakning 2 høyde	15 cm
Forpakning 2 bredde	30 cm
Forpakning 2 lengde	40 cm
Enhetstype forpakning 3	P06
Antall enheter forpakning 3	400
Forpakning 3 vekt	83,34 kg
Forpakning 3 høyde	45 cm
Forpakning 3 bredde	80 cm
Forpakning 3 lengde	60 cm
<b>Offer Sustainability</b>	
REACH-regelverk	<a href="#">REACH-erklæring</a>
REACH fri for SVHC	Ja
EU RoHS-direktiv	I samsvar <a href="#">EU RoHS-erklæring</a>
Fri for giftige tungmetaller	Ja
Kvikksølv fri	Ja
Informasjon om RoHS-unntak	<a href="#">Ja</a>
Kinas RoHS-forskrift	<a href="#">Kinas RoHS-erklæring</a>
WEEE	Innen EU må produktet avhendes i henhold til bestemte regler for avfallshåndtering og aldri kastes som husholdningsavfall.
<b>Contractual warranty</b>	
Garanti	18 months