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**LC1D323BL**

LC1D: 3-polede kontaktorer med 24V DC lavforbruksspole til motordrift og til ikk

EI-nummer: 4176744

EAN: 3389110809145



Last ned produktdatablad for LC1D323BL 3D CAD Modell

Karakteristikk

Teknisk informasjon

Serie	TeSys
Produktnavn	TeSysD
Produkt eller type komponent	Kontaktor
Kortnavn utstyr	LC1D
Contactor application	Motor control Omsk last
Driftskategori	AC-1 AC-4 AC-3
Antall poler	3P
Power pole contact composition	3 NO
[Ue] merkespenning	Power circuit: ≤ 690 V AC 25...400 Hz Power circuit: ≤ 300 V DC
[Ie] nominell driftsstrøm	32 A (at <60 °C) at ≤ 440 V AC AC-3 for power circuit 50 A (at <60 °C) at ≤ 440 V AC AC-1 for power circuit
Motoreffekt kW	7.5 kW at 220...230 V AC 50/60 Hz (AC-3) 15 kW at 380...400 V AC 50/60 Hz (AC-3) 15 kW at 415...440 V AC 50/60 Hz (AC-3) 18.5 kW at 500 V AC 50/60 Hz (AC-3) 18.5 kW at 660...690 V AC 50/60 Hz (AC-3) 7.5 kW at 400 V AC 50/60 Hz (AC-4)
Motor power HP (UL / CSA)	2 hp at 115 V AC 50/60 Hz for 1 phase motors 5 hp at 230/240 V AC 50/60 Hz for 1 phase motors 7.5 hp at 200/208 V AC 50/60 Hz for 3 phases motors 10 hp at 230/240 V AC 50/60 Hz for 3 phases motors 20 hp at 460/480 V AC 50/60 Hz for 3 phases motors 30 hp at 575/600 V AC 50/60 Hz for 3 phases motors
Kontrollkretstype	DC low consumption
Styrespenning	24 V DC
Hjelpkontakt sammensetning	1 NO + 1 NC
[Uimp] Nominell impuls spenning	6 kV conforming to IEC 60947
Overspenningskategori	III

[Ith] fri luft termisk strøm	10 A (at 60 °C) for signalling circuit 50 A (at 60 °C) for power circuit
Irms rated making capacity	140 A AC for signalling circuit conforming to IEC 60947-5-1 250 A DC for signalling circuit conforming to IEC 60947-5-1 550 A at 440 V for power circuit conforming to IEC 60947
Rated breaking capacity	550 A at 440 V for power circuit conforming to IEC 60947
[Icw] kort-tids/kortslutnings merkestrøm	260 A 40 °C - 10 s for power circuit 430 A 40 °C - 1 s for power circuit 60 A 40 °C - 10 min for power circuit 138 A 40 °C - 1 min for power circuit 100 A - 1 s for signalling circuit 120 A - 500 ms for signalling circuit 140 A - 100 ms for signalling circuit
Sikringsstørrelse	10 A gG for signalling circuit conforming to IEC 60947-5-1 63 A gG at <= 690 V coordination type 1 for power circuit 63 A gG at <= 690 V coordination type 2 for power circuit
Gjennomsnittlig impedanse	2 mOhm - Ith 50 A 50 Hz for power circuit
[Ui] isolasjonsspenning	Power circuit: 690 V conforming to IEC 60947-4-1 Power circuit: 600 V CSA certified Power circuit: 600 V UL certified Signalling circuit: 690 V conforming to IEC 60947-1 Signalling circuit: 600 V CSA certified Signalling circuit: 600 V UL certified
Elektrisk levetid	1.65 Mcycles 32 A AC-3 at Ue <= 440 V 1.4 Mcycles 50 A AC-1 at Ue <= 440 V
Power dissipation per pole	2 WAC-3 5 WAC-1
Front cover	Med
Montering	Plate Skinne
Standarder	CSA C22.2 No 14 EN 60947-4-1 EN 60947-5-1 IEC 60947-4-1 IEC 60947-5-1 UL 508
Produktsertifikater	CSA LROS (Lloyds register of shipping) DNV BV GL RINA CCC UL GOST UKCA
Tilkoblingsklemmer	Control circuit: spring terminals 1 cable(s) 2.5 mm ² flexible without cable end Control circuit: spring terminals 2 cable(s) 2.5 mm ² flexible without cable end Hovedstrøm: fjærklemmer 1 kabel (kabler) 4 mm ² flexibel uten Hovedstrøm: fjærklemmer 2 kabel (kabler) 4 mm ² flexibel uten
Driftstid	65.45...88.55 ms closing 20...30 ms opening

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
Mekanisk levetid	30 Mcycles
Bruksområde	3600 cyc/h 60 °C
Komplementær	
Spiral teknologi	Innebygde toveis peak begrensende diode suppressor
Control circuit voltage limits	0.1...0.3 Uc -40...70 °C drop-out DC 0.8...1.25 Uc (-40...60 °C):operational DC 1...1.25 Uc (60...70 °C):operational DC
Tidskonstant	40 ms
Inrush power in W	2.4 W (at 20 °C)
Hold-in strømforbruk i W	2.4 W at 20 °C
Auxiliary contacts type	Type mechanically linked 1 NO + 1 NC conforming to IEC 60947-5-1 Type mirror contact 1 NC conforming to IEC 60947-4-1
Signale krets frekvens	25...400 Hz
Minimum brytestrøm	5 mA for signalling circuit
Minimum switching voltage	17 V for signalling circuit
Non-overlap time	1.5 ms on de-energisation between NC and NO contact 1.5 ms on energisation between NC and NO contact
Isolasjonsmotstand	> 10 MOhm for signalling circuit
Miljø	
IP-grad	IP20 front face conforming to IEC 60529
Protective treatment	TH conforming to IEC 60068-2-30
Forurensninggrad	3
Omgivelsestemperatur for drift	-40...60 °C 60...70 °C with derating
Omgivelsestemperatur for lagring	-60...80 °C
Operating altitude	0...3000 m
Brannmotstand	850 °C i samsvar med IEC 60695-2-1
Flammehemming	V1 conforming to UL 94
Mekanisk robusthet	Vibrations contactor open: 2 Gn, 5...300 Hz Vibrations contactor closed: 4 Gn, 5...300 Hz Shocks contactor closed: 15 Gn for 11 ms Shocks contactor open: 8 Gn for 11 ms
Høyde	99 mm
Bredde	45 mm
Dybde	101 mm
Vekt	0,535 kg
Packing Units	
Enhets type forpakning 1	PCE
Antall enheter forpakning 1	1

Forpakning 1 vekt	613 g
Forpakning 1 høyde	11 cm
Forpakning 1 bredde	10,8 cm
Forpakning 1 lengde	5,4 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.
PVC-fri	Ja
Garantiperiode	
Garanti	18 months