

LC1D65AMD

Contacteur, TeSys Deca, 3P(3 NO), AC-3, <=400V, 65A, 220V DC standard coil, screw clamp terminals



Galvenā

Diapazons	TeSys TeSys Deca
Produkta sērija	TeSys Deca
Produkta vai sastāvdaļas veids	Contacteur
Ierīces īsais nosaukums	LC1D
Contacteur application	Resistive load Motor control
Utilisation category	AC-3 AC-4 AC-1
Polu skaits	3P
[Ue] nominālais darbības spriegums	Strāvas ķēde: <= 690 V AC 25...400 Hz Strāvas ķēde: <= 300 V DC
[Ie] rated operational current	80 A (at <60 °C) at <= 440 V AC AC-1 for strāvas ķēde 65 A (at <60 °C) at <= 440 V AC AC-3 for strāvas ķēde
[Uc] control circuit voltage	220 V DC

Papildinošs

Motor power kW	11 kW at 400 V AC 50/60 Hz (AC-4) 18,5 kW at 220...230 V AC 50/60 Hz (AC-3) 30 kW at 380...400 V AC 50/60 Hz (AC-3) 37 kW at 500 V AC 50/60 Hz (AC-3) 37 kW at 660...690 V AC 50/60 Hz (AC-3) 18,5 kW at 220...230 V AC 50/60 Hz (AC-3e) 30 kW at 380...400 V AC 50/60 Hz (AC-3e) 37 kW at 500 V AC 50/60 Hz (AC-3e) 37 kW at 660...690 V AC 50/60 Hz (AC-3e)
Motor power hp	40 Hp at 460/480 V AC 50/60 Hz for 3 fāzes motors 5 Hp at 115 V AC 50/60 Hz for 1 fāze motors 10 Hp at 230/240 V AC 50/60 Hz for 1 fāze motors 20 Hp at 200/208 V AC 50/60 Hz for 3 fāzes motors 20 Hp at 230/240 V AC 50/60 Hz for 3 fāzes motors 50 hp at 575/600 V AC 50/60 Hz for 3 fāzes motors
Compatibility code	LC1D
Pole contact composition	3 NO
Protective cover	With
[Ith] conventional free air thermal current	10 A (at 60 °C) for signalling circuit 80 A (at 60 °C) for strāvas ķēde
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 1000 A at 440 V for strāvas ķēde conforming to IEC 60947
Rated breaking capacity	1000 A at 440 V for strāvas ķēde conforming to IEC 60947
[Icw] rated short-time withstand current	640 A 40 °C - 10 s for strāvas ķēde 900 A 40 °C - 1 s for strāvas ķēde 110 A 40 °C - 10 min for strāvas ķēde 260 A 40 °C - 1 min for strāvas ķēde 100 A - 1 s for signalling circuit 120 A - 500 ms for signalling circuit 140 A - 100 ms for signalling circuit

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

Associated fuse rating	10 A gG for signalling circuit conforming to IEC 60947-5-1 125 A gG at ≤ 690 V coordination type 1 for strāvas ķēde 125 A gG at ≤ 690 V coordination type 2 for strāvas ķēde
Average impedance	1,5 mhm - Ith 80 A 50 Hz for strāvas ķēde
Power dissipation per pole	9,6 W AC-1 6,3 W AC-3
[Ui] rated insulation voltage	Strāvas ķēde 600 V CSA Strāvas ķēde 600 V UL Signalling circuit 690 V IEC 60947-1 Signalling circuit 600 V CSA Signalling circuit 600 V UL Strāvas ķēde 690 V IEC 60947-4-1
Pārsprieguma kategorija	III
Piesārņojuma pakāpe	3
[Uimp] rated impulse withstand voltage	6 kV IEC 60947
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	0,5 M cikli 80 A AC-1 ≤ 440 V 1,45 M cikli 65 A AC-3 ≤ 440 V
Control circuit type	DC standard
Coil technology	Built-in bidirectional peak limiting diode suppressor
Control circuit voltage limits	0.1...0.3 Uc -40...70 °C drop-out DC 0.75...1.25 Uc -40...60 °C operational DC 1...1.25 Uc 60...70 °C operational DC
Inrush power in W	19 W 20 °C)
Hold-in power consumption in W	7,4 W 20 °C
Operating time	50 ±15 % ms closing 16...24 ms opening
Time constant	34 ms
Maximum operating rate	3600 cikls/h 60 °C
Connections - terminals	Control circuit: screw clamp terminals 2 1...2,5 mm ² - cable stiffness: elastīgs with cable end Control circuit: screw clamp terminals 1 1...4 mm ² - cable stiffness: elastīgs without cable end Control circuit: screw clamp terminals 2 1...4 mm ² - cable stiffness: elastīgs without cable end Control circuit: screw clamp terminals 1 1...4 mm ² - cable stiffness: elastīgs with cable end Control circuit: screw clamp terminals 1 1...4 mm ² - cable stiffness: ciets without cable end Control circuit: screw clamp terminals 2 1...4 mm ² - cable stiffness: ciets without cable end Strāvas ķēde: skūvējams savienojums 1 1...35 mm ² - cable stiffness: elastīgs without cable end Strāvas ķēde: skūvējams savienojums 2 1...25 mm ² - cable stiffness: elastīgs without cable end Strāvas ķēde: skūvējams savienojums 1 1...35 mm ² - cable stiffness: elastīgs with cable end Strāvas ķēde: skūvējams savienojums 2 1...25 mm ² - cable stiffness: elastīgs with cable end Strāvas ķēde: skūvējams savienojums 1 1...35 mm ² - cable stiffness: ciets without cable end Strāvas ķēde: skūvējams savienojums 2 1...25 mm ² - cable stiffness: ciets without cable end
Tightening torque	Control circuit 1,7 N.m EverLink BTR screw connectors flat Ø 6 mm Control circuit 1,7 N.m EverLink BTR screw connectors Philips No 2 Strāvas ķēde 8 N.m EverLink BTR screw connectors 25...35 mm ² hexagonal 4 mm Strāvas ķēde 5 N.m EverLink BTR screw connectors 1...25 mm ² hexagonal 4 mm Control circuit 1,7 N.m EverLink BTR screw connectors pozidriv No 2 Strāvas ķēde 2,5 N.m EverLink BTR screw connectors pozidriv No 2
Papildkontakta veids	1 NO + 1 NC
Auxiliary contacts type	Mechanically linked 1 NO + 1 NC IEC 60947-5-1 Mirror contact 1 NC IEC 60947-4-1
Signalling circuit frequency	25...400 Hz
Minimum switching voltage	17 V for signalling circuit
Minimum switching current	5 mA for signalling circuit

Insulation resistance	> 10 MOhm 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
Montāžas stiprinājums	Rail Plāksne

Vide

Standards	CSA C22.2 No 14 EN 60947-4-1 EN 60947-5-1 IEC 60947-4-1 IEC 60947-5-1 UL 508 IEC 60335-1
Produkta sertifikācija	CCC[RETURN]UL[RETURN]GOST[RETURN]CSA
IP degree of protection	IP20 priekšpuse IEC 60529
Protective treatment	THIEC 60068-2-30
Climatic withstand	IACS E10 exposure to damp heat IEC 60947-1 Annex Q category D exposure to damp heat
Permissible ambient air temperature around the device	-40...60 °C 60...70 °C with derating
Operating altitude	0...3000 m
Fire resistance	850 °C IEC 60695-2-1
Flame retardance	V1 UL 94
Mechanical robustness	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 10 Gn for 11 ms)
Augstums	122 mm
Platums	55 mm
Dziļums	120 mm
Neto svars	0,935 kg

Iepakojšanas vienības

Pirmā iepakojuma vienības tips	PCE
Vienību skaits 1. iepakojumā	1
1. iepakojuma augstums	6,2 cm
1. iepakojuma platums	13,7 cm
1. iepakojuma garums	15,2 cm
1. iepakojuma svars	1,003 kg
Otrā iepakojuma vienības tips	S02
Vienību skaits 2. iepakojumā	10
2. iepakojuma augstums	15,0 cm
2. iepakojuma platums	30,0 cm
2. iepakojuma garums	40,0 cm
2. iepakojuma svars	10,346 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.
Nesatur PVH	Jā

Līguma garantija

Garantija	18 months
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