

Tehničke karakteristike
proizvoda
Karakteristike

LC1D95JD

TeSys D kontaktor - 3P(3 NO) - AC-3 - ≤ 440
V 95 A - 12 V DC standardni kalem





Osnovne informacije

Grupa proizvoda	TeSys
Ime proizvoda	TeSys D
Tip proizvoda ili komponente	Kontaktor
Kratko ime uređaja	LC1D
Primena kontaktora	Rezistivno opterećenje Upravljanje motorom
Kategorija upotrebe	AC-4 AC-3 AC-1
Broj polova	3P
Power pole contact composition	3 NO
[ue] nazivni napon	Power circuit: 1000 V AC 25...400 Hz
[ie] nazivna struja	95 A (at <60 °C) at <= 440 V AC-3 for power circuit 125 A (at <60 °C) at <= 690 V AC-1 for power circuit
Snaga motora kw	25 KW at 220...230 V AC 50 Hz (AC-3) 45 KW at 380...400 V AC 50 Hz (AC-3) 45 KW at 415...440 V AC 50 Hz (AC-3) 55 KW at 500 V AC 50 Hz (AC-3) 45 KW at 660...690 V AC 50 Hz (AC-3) 45 kW at 1000 V AC 50 Hz (AC-3)
Motor power HP (UL / CSA)	7.5 Hp at 115 V AC 60 Hz for 1 phase motors 15 Hp at 230/240 V AC 60 Hz for 1 phase motors 25 Hp at 200/208 V AC 60 Hz for 3 phases motors 30 Hp at 230/240 V AC 60 Hz for 3 phases motors 60 Hp at 460/480 V AC 60 Hz for 3 phases motors 60 hp at 575/600 V AC 60 Hz for 3 phases motors
Tip upravljačkog kola	DC standard
Napon upravljačkog kola	12 V DC
Sastav pomoćnog kontakta	1 NO + 1 NC
[uimp] nazivni podnosivi impulsni napon	8 kV conforming to IEC 60947
Kategorija prenapona	III
[ith] dozvoljena termička struja u vazduhu	10 A (at 60 °C) for signalling circuit 125 A (at 60 °C) for power circuit
Irms nazivna moć uključenja	1100 A at 440 V AC for power circuit conforming to IEC 60947 140 A AC for signalling circuit conforming to IEC 60947-5-1 250 A DC for signalling circuit conforming to IEC 60947-5-1
Nazivna prekidna moć	1100 A at 440 V for power circuit conforming to IEC 60947
[icw] kratkotrajna podnosiva struja kratkog spoja	1100 A 40 °C - 1 s for power circuit 800 A 40 °C - 10 s for power circuit 400 A 40 °C - 1 min for power circuit 135 A 40 °C - 10 min for power circuit 140 A - 100 ms for signalling circuit 120 A - 500 ms for signalling circuit 100 A - 1 s for signalling circuit
Pripadajući osigurač	10 A gG for signalling circuit conforming to IEC 60947-5-1 200 A gG at <= 690 V coordination type 1 for power circuit 160 A gG at <= 690 V coordination type 2 for power circuit
Prosečna impedansa	0.8 mOhm - Ith 125 A 50 Hz for power circuit
[ui] nazivni napon izolacije	Power circuit: 1000 V conforming to IEC 60947-4-1 Signalling circuit: 690 V conforming to IEC 60947-1
Električna trajnost	1.2 Mcycles 95 A AC-3 1.3 Mcycles 125 A AC-1

Snaga disipacije po polu	12.5 W AC-1 7.2 W AC-3
Front cover	Sa
Nosači za montažu	Šina Ploča
Standardi	EN/IEC 60947-1 EN/IEC 60947-4-1 EN/IEC 60947-5-1 GB/T 14048.4
Sertifikacija proizvoda	IECEE CB Scheme CCC EAC LROS (Lloyds register of shipping) RINA BV DNV-GL
Povezivanje - priključci	Control circuit: screw clamp terminals 2 cable(s) 1... 2.5 mm ² flexible with cable end Control circuit: screw clamp terminals 1 cable(s) 1... 2.5 mm ² flexible with cable end Control circuit: screw clamp terminals 1 cable(s) 1... 4 mm ² flexible without cable end Control circuit: screw clamp terminals 2 cable(s) 1... 4 mm ² flexible without cable end Control circuit: screw clamp terminals 1 cable(s) 1... 4 mm ² solid without cable end Control circuit: screw clamp terminals 2 cable(s) 1... 4 mm ² solid without cable end Power circuit: connector 1 cable(s) 4... 50 mm ² flexible without cable end Power circuit: connector 2 cable(s) 4... 25 mm ² flexible without cable end Power circuit: connector 1 cable(s) 4... 50 mm ² flexible with cable end Power circuit: connector 2 cable(s) 4... 16 mm ² flexible with cable end Power circuit: connector 1 cable(s) 4...50 mm ² solid without cable end Power circuit: connector 2 cable(s) 4...25 mm ² solid without cable end
Moment pritezanja	Control circuit: 1.2 N.m - on screw clamp terminals - with screwdriver flat Ø 6 mm Control circuit: 1.2 N.m - on screw clamp terminals - with screwdriver Philips No 2 Power circuit: 12 N.m - on connector - with screwdriver flat Ø 6 to Ø 8 mm Power circuit: 12 N.m - on connector hexagonal screw head 4 mm
Vreme uključenja/ isključenja	95...130 ms closing 20...35 ms opening
Nivo sigurnosne pouzdanosti	B10d = 1.3 Mcycles contactor with nominal load conforming to EN/ISO 13849-1 B10d = 20 Mcycles contactor with mechanical load conforming to EN/ISO 13849-1
Mehanička trajnost	10 miliona ciklusa
Maksimalni radni ciklus	3600 cyc/h 60 °C

Dopunske informacije

Tehnologija kalema	Bez ugrađenog prigušivača
Ograničenje napona upravljačkog kola	0.1...0.3 Uc (-40...70 °C):drop-out DC 0.85...1.1 Uc (-40...55 °C):operational DC 1...1.1 Uc (55...70 °C):operational DC
Vremenska konstanta	75 milisekundi
Udarne snaga u w	22 W (at 20 °C)
Snaga držanja u w	22 W at 20 °C
Tip pomoćnog kontakta	Type mechanically linked 1 NO + 1 NC conforming to IEC 60947-5-1 Type mirror contact 1 NC conforming to IEC 60947-4-1
Frekvencija signalnog kola	25...400 Hz
Minimalna struja preklapanja	5 mA za signalno kolo
Minimalni napon preklapanja	17 V za signalno kolo

Vreme nepreklapanja	1.5 Ms on de-energisation between NC and NO contact 1.5 ms on energisation between NC and NO contact
Otpornost izolacije	> 10 MOhm za signalno kolo
Kompatibilnost kontakta	M9
Kompatibilnost	LC1D

Okruženje

Ip stepen zaštite	IP20 front face conforming to IEC 60529
Zaštitni tretman	TH conforming to IEC 60068-2-30
Stepen zaprljanosti	3
Temperatura okoline za rad	-40...60 °C 60...70 °C with derating
Temperatura okoline za skladištenje	-60...80 °C
Nadmorska visina za rad uređaja	0...3000 m
Otpornost na vatru	850 °C conforming to IEC 60695-2-1
Otpornost na plamen	V1 u skladu sa UL 94
Mehanička robusnost	Vibrations contactor open: 2 Gn, 5...300 Hz Shocks contactor open: 8 Gn for 11 ms Vibrations contactor closed: 3 Gn, 5...300 Hz Shocks contactor closed: 10 Gn for 11 ms
Visina	127 mm
Širina	85 mm
Dubina	186 mm
Masa proizvoda	2,61 kg

Pakovanje

Pakovanje 1 težina	2,524 kg
Pakovanje 1 visina	2,100 dm
Pakovanje 1 širina	1,400 dm
Pakovanje 1 dužina	0,950 dm

Održivost ponude

Status održive ponude	Green Premium proizvod
Propis REACH	 REACH Deklaracija
REACH bez SVHC	Da
EU RoHS direktiva	Usaglašeno  EU RoHS Deklaracija
Bez toksičnih teških metala	Da
Bez žive	Da
Informacije o RoHS izuzecima	 Da
RoHS regulativa za Kinu	 RoHS Deklaracija Za Kinu
Izjava o zaštiti okoliša	 Profil Ekološke Prihvatljivosti Proizvoda
WEEE	Ovaj proizvod je na tržištima Evropske unije neophodno odložiti u skladu sa specifičnim smernicama za prikupljanje otpada i nikako ne sme da dospe u kontejnere za otpatke.
Bez PVC	Da

Ugovorna garancija

Garancija	18 meseci
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