



Osnovne informacije

Grupa proizvoda	TeSys
Ime proizvoda	TeSys D
Tip proizvoda ili komponente	Kontaktor za promenu smeru
Kratko ime uređaja	LC2D
Primena kontaktora	Rezistivno opterećenje Upravljanje motorom
Kategorija upotrebe	AC-1 AC-3
Prezentacija uređaja	Prefabrikovan sa promenom redosleda faza
Broj polova	3P
Power pole contact composition	3 NO
[ue] nazivni napon	Power circuit: ≤ 1000 V AC 25...400 Hz Power circuit: ≤ 300 V DC
[ie] nazivna struja	200 A (at ≤ 60 °C) at ≤ 440 V AC AC-1 for power circuit 115 A (at ≤ 60 °C) at ≤ 440 V AC AC-3 for power circuit
Snaga motora kw	30 KW at 220...230 V AC 50 Hz 55 KW at 380...400 V AC 50 Hz 59 KW at 415...440 V AC 50 Hz 75 KW at 500 V AC 50 Hz 80 KW at 660...690 V AC 50 Hz 65 kW at 1000 V AC 50 Hz
Motor power HP (UL / CSA)	30 Hp at 200/208 V AC 60 Hz for 3 phases motors 40 Hp at 230/240 V AC 60 Hz for 3 phases motors 75 Hp at 460/480 V AC 60 Hz for 3 phases motors 100 hp at 575/600 V AC 60 Hz for 3 phases motors
Tip upravljačkog kola	AC at 50/60 Hz
Napon upravljačkog kola	110 V AC 50/60 Hz
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	200 A (at 60 °C) for power circuit
Irms nazivna moć uključnja	140 A AC for signalling circuit conforming to IEC 60947-5-1 250 A DC for signalling circuit conforming to IEC 60947-5-1 1260 A at 440 V for power circuit conforming to IEC 60947
Nazivna prekidna moć	1100 A at 440 V for power circuit conforming to IEC 60947
[icw] kratkotrajna podnosiva struja kratkog spoja	250 A 40 °C - 10 min for power circuit 550 A 40 °C - 1 min for power circuit 950 A 40 °C - 10 s for power circuit 1100 A 40 °C - 1 s for power circuit 100 A - 1 s for signalling circuit 120 A - 500 ms for signalling circuit 140 A - 100 ms for signalling circuit
Pripadajući osigurač	10 A gG for signalling circuit conforming to IEC 60947-5-1 250 A gG at ≤ 690 V coordination type 1 for power circuit 200 A gG at ≤ 690 V coordination type 2 for power circuit
Prosečna impedansa	0.6 mOhm - Ith 200 A 50 Hz for power circuit

[ui] nazivni napon izolacije	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 Power circuit: 1000 V conforming to IEC 60947-4-1
Električna trajnost	0.8 Mcycles 200 A AC-1 at $U_e \leq 440$ V 0.95 Mcycles 115 A AC-3 at $U_e \leq 440$ V
Snaga disipacije po polu	24 W AC-1 7.9 W AC-3
Front cover	Sa
Tip blokade	Električna Mehanička
Nosači za montažu	Šina Ploča
Standardi	CSA C22.2 No 14 EN 60947-4-1 EN 60947-5-1 IEC 60947-4-1 IEC 60947-5-1 UL 508
Sertifikacije proizvoda	BV CCC CSA DNV GL RINA UL EAC
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 without cable end Control circuit: screw clamp terminals 2 cable(s) 1... 2.5 mm ² flexible without 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... 2.5 mm ² solid without cable end Control circuit: screw clamp terminals 2 cable(s) 1... 2.5 mm ² solid without cable end Power circuit: connector 1 cable(s) 10... 120 mm ² flexible without cable end Power circuit: connector 2 cable(s) 10... 50 mm ² flexible without cable end Power circuit: connector 1 cable(s) 10... 120 mm ² flexible with cable end Power circuit: connector 2 cable(s) 10... 50 mm ² flexible with cable end Power circuit: connector 1 cable(s) 10... 120 mm ² solid without cable end Power circuit: connector 2 cable(s) 10...50 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 hexagonal screw head 4 mm
Vreme uključenja/ isključenja	20...50 ms closing 6...20 ms opening
Nivo sigurnosne pouzdanosti	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
Mehanička trajnost	8000000 cycles
Maksimalni radni ciklus	2400 cyc/h 60 °C

Dopunske informacije

Tehnologija kalema	Ugrađeni dvosmerni limiter
Ograničenje napona upravljačkog kola	0.3...0.5 Uc (-40...70 °C):drop-out AC 50/60 Hz 0.8...1.15 Uc (-40...55 °C):operational AC 50/60 Hz 1...1.15 Uc (55...70 °C):operational AC 50/60 Hz
Udar na snagu u va	280...350 VA 60 Hz cos phi 0.8 (at 20 °C) 280...350 VA 50 Hz cos phi 0.8 (at 20 °C)
Snaga držanja u va	2...18 VA (at 20 °C) cos phi 0.3 60 Hz 2...18 VA (at 20 °C) cos phi 0.3 50 Hz
Disipacija toplote	3...8 W at 50/60 Hz
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 for signalling circuit
Minimalni napon preklapanja	17 V for signalling circuit
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 for signalling circuit
Kompatibilnost kontakta	M13
Kompatibilnost	LC2D
Motor power range	30...50 KW pri 200...240 V trofazne 55...100 KW pri 380...440 V trofazne 55...100 kW pri 480...500 V trofazne
Tip motornog pokretača	Kontaktor za promenu smera
Napon kalema kontaktora	110 V AC standard

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 u skladu sa IEC 60695-2-1
Otpornost na plamen	V1 u skladu sa UL 94
Mehanička robusnost	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: 6 Gn for 11 ms
Visina	158 mm
Širina	266 mm
Dubina	148 mm
Masa proizvoda	6,35 kg

Pakovanje

Tip jedinice pakovanja 1	PCE
Broj jedinica u pakovanju 1	1
Pakovanje 1 težina	6,5 kg
Pakovanje 1 visina	23 cm
Pakovanje 1 širina	31,5 cm
Pakovanje 1 dužina	37 cm

Održivost ponude

Status održive ponude	Green Premium proizvod
Propis REACH	REACH Deklaracija
EU RoHS direktiva	Usaglašeno EU RoHS Deklaracija
Bez žive	Da
Informacije o RoHS izuzecima	Da
RoHS regulativa za Kinu	RoHS Deklaracija Za Kinu
Izjava o zaštiti okoliša	Profil Ekološke Prihvatljivosti Proizvoda
Profil cirkularnosti	Informacije O Kraju Radnog Veka
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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