

Tehničke karakteristike proizvoda

Karakteristike

LC1F265

TeSys F kontaktor - 3P(3 NO) - AC-3 - ≤ 440
V 265 A - bez kalema



Osnovne informacije

Grupa proizvoda	TeSys
Ime proizvoda	TeSys F
Tip proizvoda ili komponente	Kontaktör
Kratko ime uređaja	LC1F
Primena kontaktora	Rezistivno opterećenje Upravljanje motorom
Kategorija upotrebe	AC-3 AC-4 AC-1
Broj polova	3P
Power pole contact composition	3 NO
[ue] nazivni napon	≤ 1000 V AC 50/60 Hz ≤ 460 V DC
[ie] nazivna radna struja	350 A 40 °C) pri ≤ 440 V AC AC-1 265 A 55 °C) pri ≤ 440 V AC AC-3
Snaga motora kw	132 KW at 380...400 V AC 50/60 Hz (AC-3) 140 KW at 415 V AC 50/60 Hz (AC-3) 140 KW at 440 V AC 50/60 Hz (AC-3) 147 KW at 1000 V AC 50/60 Hz (AC-3) 160 KW at 500 V AC 50/60 Hz (AC-3) 75 KW pri 220...240 V AC 50/60 Hz (AC-3) 160 KW at 660...690 V AC 50/60 Hz (AC-3) 51 kW at 400 V AC 50/60 Hz (AC-4)

Dopunske informacije

Napon upravljačkog kola	24...1000 V AC 40...400 Hz with LX1/LX9 coil 24...460 V DC with LX4 coil 100...250 V AC 50/60 Hz with LXE coil 100...380 V sa LXE kalemom
[uimp] nazivni podnosivi impulsni napon	8 kV
Kategorija prenapona	III
[ith] dozvoljena termička struja u vazduhu	350 A (at 40 °C)
Irms nazivna moć uključenja	2650 A AC u skladu sa IEC 60947-4-1
Nazivna prekidna moć	2120 A conforming to IEC 60947-4-1
[icw] kratkotrajna podnosiva struja kratkog spoja	2200 A 40 °C - 10 s 1230 A 40 °C - 30 s 950 A 40 °C - 1 min 620 A 40 °C - 3 min 480 A 40 °C - 10 min
Pripadajući osigurač	315 A aM at ≤ 440 V 400 A gG at ≤ 440 V
Prosečna impedansa	0.3 mOhm - Ith 350 A 50 Hz
[ui] nazivni napon izolacije	1000 V conforming to IEC 60947-4-1 1500 V conforming to VDE 0110 group C
Snaga disipacije po polu	37 W AC-1 21 W AC-3

Ograničenje napona upravljačkog kola	Operational: 0.85...1.1 Uc AC 40...400 Hz with LX1/LX9 coil Drop-out: 0.35...0.55 Uc AC 40...400 Hz with LX1/LX9 coil Operational: 0.85...1.1 Uc DC with LX4 coil Drop-out: 0.15...0.2 Uc DC with LX4 coil Operational: 85...275 V AC 50/60 Hz with LXE coil Drop-out: 0...60 V AC 50/60 Hz with LXE coil Operational: 85...418 V DC with LXE coil Drop-out: 0...45 V DC with LXE coil
Disipacija toplote	8 W 2,2...2,5 W
Vreme uključenja/isključenja	40...65 ms closing for with LX1/LX9 coil 100...170 ms opening for with LX1/LX9 coil 40...50 ms closing for with LX4 coil 40...65 ms opening for with LX4 coil 40...80 ms closing for with LXE coil 6...54 ms opening for with LXE coil
Nosači za montažu	Ploča
Standardi	IEC 60947-1 IEC 60947-4-1 JIS C8201-4-1 EN 60947-1 EN 60947-4-1
Sertifikacija proizvoda	ABS CB DNV RMRoS UL CSA RINA LROS (Lloyds register of shipping) BV
Povezivanje - priključci	Power circuit: bar 2 cable(s) - busbar cross section: 32 x 4 mm Power circuit: lugs-ring terminals 1 cable(s) 240 mm ² Power circuit: connector 1 cable(s) 240 mm ² Power circuit: bolted connection 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 with cable end Control circuit: screw clamp terminals 1 cable(s) 1...4 mm ² flexible with cable end Control circuit: screw clamp terminals 2 cable(s) 1...2.5 mm ² solid without cable end Control circuit: screw clamp terminals 1 cable(s) 1...4 mm ² Control circuit: screw clamp terminals 2 cable(s) 1...4 mm ² Control circuit: screw clamp terminals 1.0 cable(s) 0.2...2.5 mm ² flexible without cable end Control circuit: screw clamp terminals 1.0 cable(s) 0.25...2.5 mm ² flexible with cable end Control circuit: screw clamp terminals 1.0 cable(s) 0.2...2.5 mm ² solid without cable end
Moment pritezanja	Power circuit: 35 N.m Control circuit: 1.2 N.m Control circuit: 0.6 N.m
Mehanička trajnost	10 miliona ciklusa
Udar na snagu u va	600...700 VA, 40...400 Hz cos phi 0.9 (at 20 °C)with LX1/LX9 coil 655...803 VA (at 20 °C)with LX4 coil 300...350 VA, 50/60 Hz cos phi 0.5 (at 20 °C)with LXE coil 300...310 VA (at 20 °C)with LXE coil
Snaga držanja u va	8...10 VA, 40...400 Hz cos phi 0.9 (at 20 °C)with LX1/LX9 coil 3.68...4.53 VA (at 20 °C)with LX4 coil 4.5...7.0 VA, 50/60 Hz cos phi 0.5 (at 20 °C)with LXE coil 2.5...4.0 VA (at 20 °C)with LXE coil
Maksimalni radni ciklus	2400 cyc/h 55 °C
Kompatibilnost	LC1F

Okruženje

Ip stepen zaštite	IP20 front face with shrouds conforming to IEC 60529 IP20 front face with shrouds conforming to VDE 0106
Zaštitni tretman	TH
Temperatura okoline za rad uređaja	-5...55 °C
Temperatura okoline za skladištenje	-60...80 °C
Dopustiva temperatura u okolini uređaja	-40...70 °C

Mehanička robusnost	Vibrations contactor open: 2 Gn, 5...300 Hz Vibrations contactor closed: 5 Gn, 5...300 Hz Shocks contactor open: 6 Gn for 1/2 sine wave (11 ms) Shocks contactor closed: 15 Gn for 1/2 sine wave (11 ms)
Visina	203 mm
Širina	201,5 mm
Dubina	213 mm
Masa proizvoda	8,54 kg

Pakovanje

Tip jedinice pakovanja 1	PCE
Broj jedinica u pakovanju 1	1
Pakovanje 1 težina	7,22 kg
Pakovanje 1 visina	25 cm
Pakovanje 1 širina	25 cm
Pakovanje 1 dužina	28 cm
Pakovanje 2 težina	94,804 kg

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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