

Tehničke karakteristike proizvoda Karakteristike

LU2B12BL

baza za promenu smera - TeSys U - 12 A - 24
V DC vijčani priključci



Osnovne informacije

Grupa proizvoda	TeSys
Ime proizvoda	TeSys U
Kratko ime uređaja	LU2B
Tip proizvoda ili komponente	Baza za promenu smera
Primena uređaja	Upravljanje motorima Zaštita motora
Kompatibilnost proizvoda	Control unit LUC.X6BL Control unit LUC.1XBL Control unit LUC.05BL Control unit LUC.12BL
Broj polova	3P
Pogodno za izolaciju	Da
[ue] nazivni radni napon	690 V AC for power circuit
Frekvencija mreže	40...60 Hz
[i _{th}] dozvoljena termička struja u vazduhu	12 A
[i _e] nazivna radna struja	12 A at ≤ 440 V 12 A at 500 V 9 A at 690 V
Kategorija upotrebe	AC-43 AC-41 AC-44
[i _{cs}] servisna prekidna moć	50 KA at 230 V 50 KA at 440 V 10 KA at 500 V 4 kA at 690 V
Sastav pomoćnog kontakta	1 NO + 1 NC
Tip pomoćnog kontakta	Type linked contacts (1 NO + 1 NC) conforming to IEC 60947-4-1 Type mirror contact (1 NC) conforming to IEC 60947-1
[U _c] control circuit voltage	24 V DC
Ograničenje napona upravljačkog kola	14.5 V DC drop-out 20...27 V DC in operation

Dopunske informacije

Tipična potrošnja struje	120 mA at 24 V DC I maximum while closing 120 mA at 24 V DC I rms sealed
Disipacija toplote	2 W for control circuit with LUCA, LUCB, LUCC, LUCD 1.7 W for control circuit with LUCM
Trajanje udarne faze	15 milisekundi DC
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
Vreme uključivanja/isključivanja	150 ms with change of direction for power circuit 75 ms without change of direction for power circuit 35 ms opening with LUCA, LUCB, LUCC, LUCD, LUCM for control circuit 75 ms closing with LUCM for control circuit 70 ms closing with LUCA, LUCB, LUCC, LUCD for control circuit

Mehanička trajnost	15 miliona ciklusa
Maksimalni radni ciklus	3600 ciklusa/h
Sertifikacija proizvoda	CE UL CSA CCC EAC ASEFA ATEX Marine
Standardi	EN 60947-6-2 IEC 60947-6-2 UL 60947-4-1, with phase barrier CSA C22.2 No 60947-4-1, with phase barrier
[ui] nazivni napon izolacije	690 V conforming to IEC 60947-6-2 (pollution degree 3) 600 V conforming to UL 60947-4-1 600 V conforming to CSA C22.2 No 60947-4-1
[uimp] nazivni podnosivi impulsni napon	6 kV conforming to IEC 60947-6-2
Bezbedno razdvajanje kola	400 V SELV between the control and auxiliary circuits conforming to IEC 60947-1 appendix N 400 V SELV between the control or auxiliary circuit and the main circuit conforming to IEC 60947-1 appendix N
Način fiksiranja	Clipped (DIN rail) Screw-fixed (plate)
Povezivanje - priključci	Control circuit: screw clamp terminals 1 cable(s) 0.34...1.5 mm ² flexible with cable end Control circuit: screw clamp terminals 1 cable(s) 0.75...1.5 mm ² flexible without cable end Control circuit: screw clamp terminals 1 cable(s) 0.75...1.5 mm ² rigid Control circuit: screw clamp terminals 2 cable(s) 0.34...1.5 mm ² flexible with cable end Control circuit: screw clamp terminals 2 cable(s) 0.75...1.5 mm ² flexible without cable end Control circuit: screw clamp terminals 2 cable(s) 0.75...1.5 mm ² rigid Power circuit: screw clamp terminals 1 cable(s) 1...10 mm ² rigid Power circuit: screw clamp terminals 1 cable(s) 1...6 mm ² flexible with cable end Power circuit: screw clamp terminals 1 cable(s) 2.5...10 mm ² flexible without cable end Power circuit: screw clamp terminals 2 cable(s) 1...6 mm ² flexible with cable end Power circuit: screw clamp terminals 2 cable(s) 1...6 mm ² rigid Power circuit: screw clamp terminals 2 cable(s) 1.5...6 mm ² flexible without cable end
Moment pritezanja	Control circuit: 0.8...1.2 N.m flat screwdriver 5 mm Control circuit: 0.8...1.2 N.m Philips no 1 screwdriver 5 mm Power circuit: 1.9...2.5 N.m flat screwdriver 6 mm Power circuit: 1.9...2.5 N.m Philips No 2 screwdriver 6 mm
Širina	45 mm
Visina	224 mm
Dubina	126 mm
Masa proizvoda	1,27 kg
Kompatibilnost	LU2B

Okruženje

Ip stepen zaštite	IP20 conforming to IEC 60947-1 (front panel and wired terminals) IP20 conforming to IEC 60947-1 (other faces) IP40 conforming to IEC 60947-1 (front panel outside connection zone)
Zaštitni tretman	TH u skladu sa IEC 60068
Temperatura okoline za rad	-25...60 °C with LUCM -25...70 °C with LUCA, LUCB, LUCC, LUCD
Temperatura okoline za skladištenje	-40...85 °C
Otpornost na vatru	960 °C parts supporting live components conforming to IEC 60695-2-12 650 °C conforming to IEC 60695-2-12
Nadmorska visina za rad	2000 m
Otpornost na udare	10 gn power poles open conforming to IEC 60068-2-27 15 gn power poles closed conforming to IEC 60068-2-27
Otpornost na vibracije	2 gn (f= 5...300 Hz) power poles open conforming to IEC 60068-2-27 4 gn (f= 5...300 Hz) power poles closed conforming to IEC 60068-2-27
Otpornost na elektrostatičko pražnjenje	8 KV level 3 in open air conforming to IEC 61000-4-2 8 kV level 4 on contact conforming to IEC 61000-4-2

Otpornost na elektromagnetno polje	10 V/m 3 conforming to IEC 61000-4-3
Otpornost na brze prelaze	2 KV class 3 serial link conforming to IEC 61000-4-4 4 kV class 4 all circuits except for serial link conforming to IEC 61000-4-4
Otpornost na elektromagnetna polja	10 V conforming to IEC 61000-4-6
Otpornost na mikroprekide	3 ms for control circuit
Imunost na propade napona	70 % / 500 ms conforming to IEC 61000-4-11

Pakovanje

Tip jedinice pakovanja 1	PCE
Broj jedinica u pakovanju 1	1
Pakovanje 1 težina	1,3 kg
Pakovanje 1 visina	5,5 cm
Pakovanje 1 širina	14,7 cm
Pakovanje 1 dužina	25 cm
Pakovanje 2 težina	12,245 kg
Pakovanje 3 težina	110,1 kg

Održivost ponude

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
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.

Ugovorna garancija

Garancija	18 meseci
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