



Teknisk informasjon

Serie	TeSys
Produktnavn	TeSys U
Kortnavn utstyr	LU2B
Produkt eller type komponent	Reversere maktbase
Applikasjon	Motor control Motor protection
Kompatibilitet	Control unit LUC.X6B Control unit LUC.1XB Control unit LUC.05B Control unit LUC.12B Control unit LUC.18B Control unit LUC.32B
Antall poler	3P
Egnet for isolasjon	Ja
[Ue] merkespenning	690 V AC for power circuit
Network frequency	40...60 Hz
[Ith] konvensjonell friluft termisk strøm	32 A
[Ie] nominell driftsstrøm	28,5 A på <= 440 V 23 A på 500 V 21 A på 690 V
Driftskategori	AC-43 AC-44 AC-41
[Ics] service bryteevne	50 KA at 230 V 50 KA at 440 V 10 KA at 500 V 4 kA at 690 V
Hjelpekontakt sammensetning	1 NO + 1 NC
Auxiliary contacts type	Type linked contacts (1 NO + 1 NC) conforming to IEC 60947-4-1 Type mirror contact (1 NC) conforming to IEC 60947-1
[Uc] control circuit voltage	24 V AC 50/60 Hz
Control circuit voltage limits	14.5 V AC drop-out 20...26.5 V AC in operation

Komplementær

Typisk strømforbruk	2360 mA at 24 V AC I maximum while closing
Heat dissipation	3 W for styrekrets med LUCA, LUCB, Lucc, LUCD 1,8 W for styrekrets med LUCM
Varighet av startstrømmen fase	25 ms AC 50/60 Hz
Sikkerhet pålitelighet nivå	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
Driftstid	150 ms with change of direction for power circuit 35 ms opening for control circuit 70 ms closing for control circuit 75 ms without change of direction for power circuit
Mekanisk levetid	15 Mcycles
Maximum operating rate	3600 cyc/h

Produktsertifikater	CE UL CSA CCC EAC ASEFA ATEX Marine
Standarder	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] isolasjonsspenning	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] Nominell impuls ­ spenning	6 kV conforming to IEC 60947-6-2
Sikker skille av krets	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
Festemetode	Clipped (DIN rail) Screw-fixed (plate)
Tilkoblingsklemmer	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
Tiltrekningsmoment	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
Bredde	45 mm
Høyde	224 mm
Dybde	126 mm
Vekt	1,27 kg
Kompatibilitetskode	LU2B

Miljø

IP-grad	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)
Protective treatment	TH conforming to IEC 60068
Omgivelsestemperatur for drift	-25...60 °C with LUCM -25...70 °C with LUCA, LUCB, LUCC, LUCD
Omgivelsestemperatur for lagring	-40...85 °C
Brannmotstand	960 °C parts supporting live components conforming to IEC 60695-2-12 650 °C conforming to IEC 60695-2-12
Driftshøyde	2000 m
Støtmotstand	10 gn power poles open conforming to IEC 60068-2-27 15 gn power poles closed conforming to IEC 60068-2-27
Vibrasjonsmotstand	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
Motstand mot elektrostatisk utladning	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
Resistance to radiated fields	10 V/m 3 conforming to IEC 61000-4-3

Motstand mot raske transienter	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
Non-dissipating shock wave	1 KV serial mode conforming to IEC 60947-6-2 2 kV common mode conforming to IEC 60947-6-2
Immunity to radioelectric fields	10 V conforming to IEC 61000-4-6
Immunity to microbreaks	3 ms for control circuit
Immunity to voltage dips	70 % / 500 ms conforming to IEC 61000-4-11

Packing Units

Enhetstype forpakning 1	PCE
Antall enheter forpakning 1	1
Forpakning 1 vekt	1,295 kg
Forpakning 1 høyde	5,4 cm
Forpakning 1 bredde	15 cm
Forpakning 1 lengde	25,3 cm
Enhetstype forpakning 2	S03
Antall enheter forpakning 2	9
Forpakning 2 vekt	12,161 kg
Forpakning 2 høyde	30 cm
Forpakning 2 bredde	30 cm
Forpakning 2 lengde	40 cm

Offer Sustainability

REACH-regelverk	 REACH-erklæring
EU RoHS-direktiv	I samsvar  EU RoHS-erklæring
Kvikksølvfri	Ja
Informasjon om RoHS-unntak	 Ja
Kinas RoHS-forskrift	 Kinas RoHS-Erklæring
WEEE	Innen EU må produktet avhendes i henhold til bestemte regler for avfallshåndtering og aldri kastes som husholdningsavfall.

Garantiperiode

Garanti	18 måneder
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