

LUCB05FU

Advanced control unit, TeSys Ultra, 3P, 1.25 to 5A, 690VAC, protection & diagnostic, class 10, 110 to 240VAC/DC coil



Galvenā

Diapazons	TeSys
Produkta sērija	TeSys Ultra
Produkta nosaukums	TeSys Ultra
Ierīces īsais nosaukums	LUCB
Produkta vai sastāvdaļas veids	Advanced control unit
Ierīces pielietojums	Motora vadība Motor protection
Produkta specifiskais pielietojums	Basic protection and advanced functions, communication
Main function available	Protection against overload and short-circuit Earth fault protection Protection against phase failure and phase imbalance Manual reset
Produktu saderība	Power base LUB12[RETURN]Power base LUB32[RETURN]Power base LUB38[RETURN]Power base LUB120[RETURN]Power base LUB320[RETURN]Power base LUB380[RETURN]Reversing contactor breaker LU2B12FU[RETURN]Reversing contactor breaker LU2B32FU[RETURN]Reversing contactor breaker LU2B38FU
[Ue] nominālais darbības spriegums	690 V AC
Network frequency	40...60 Hz
Load type	3-phase motor self-cooled
Utilisation category	AC-41 AC-44 AC-43
Motor power kW	1,5 KW 400...440 V AC 50/60 Hz 2,2 KW 500 V AC 50/60 Hz 3 kW 690 V AC 50/60 Hz
Rated motor current adjustment range	1,25...5 A
Thermal overload class	Class 10 40...60 Hz -25...70 °C IEC 60947-6-2 Class 10 40...60 Hz -25...70 °C UL 508
Tripping threshold	14.2 x Ir +/- 20 %
Phase failure sensitivity	Yes
[Uc] control circuit voltage	110...240 V AC 110...220 V DC

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

Papildinošs

Control circuit voltage limits	88...264 V AC 110...240 V in operation 88...242 V DC 110...220 V in operation 55 V AC 110...240 V drop-out 55 V DC 110...220 V drop-out
Typical current consumption	280 MA 110...240 V AC I maximum while closing with LUB12 280 MA 110...240 V AC I maximum while closing with LUB32 280 MA 110...240 V AC I maximum while closing with LUB38 280 MA 110...220 V DC I maximum while closing with LUB12 280 MA 110...220 V DC I maximum while closing with LUB32 280 MA 110...220 V DC I maximum while closing with LUB38 35 MA 110...240 V AC I rms sealed with LUB12 25 MA 110...240 V AC I rms sealed with LUB32 25 MA 110...240 V AC I rms sealed with LUB38 35 MA 110...220 V DC I rms sealed with LUB12 25 MA 110...220 V DC I rms sealed with LUB32 25 MA 110...220 V DC I rms sealed with LUB38
Heat dissipation	2 W control circuit with LUB12 3 W control circuit with LUB32 3 W control circuit with LUB38
Operating time	35 ms opening with LUB12 control circuit 35 ms opening with LUB32 control circuit 35 ms opening with LUB38 control circuit 50 ms closing with LUB12 control circuit 50 ms closing with LUB32 control circuit 50 ms closing with LUB38 control circuit
Reset	Manual reset
Standards	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
Produkta sertifikācija	CE[RETURN]UL[RETURN]CSA[RETURN]CCC[RETURN]EAC[RETURN]ASEFA[RETURN]ATEX[RETURN]
[Ui] rated insulation voltage	690 V IEC 60947-6-2 600 V UL 60947-4-1 600 V CSA C22.2 No 60947-4-1
[Uimp] rated impulse withstand voltage	6 kV IEC 60947-6-2
Safe separation of circuit	400 V SELV between the control and auxiliary circuits IEC 60947-1 400 V SELV between the control or auxiliary circuit and the main circuit IEC 60947-1
Fixing mode	Iespraust (front face)
Platums	45 mm
Augstums	66 mm
Dziļums	60 mm
Compatibility code	LUCB

Vide

IP degree of protection	IP20 front panel and wired terminals IEC 60947-1 IP20 other faces IEC 60947-1 IP40 front panel outside connection zone IEC 60947-1
Protective treatment	TH IEC 60068
Apkārtējā gaisa temperatūra darbībai	-25...70 °C
Apkārtējā gaisa temperatūra uzglabāšanai	-40...85 °C
Darbības augstums	2000 m
Fire resistance	960 °C parts supporting live components IEC 60695-2-12 650 °C IEC 60695-2-12
Shock resistance	10 gn power poles open IEC 60068-2-27 15 gn power poles closed IEC 60068-2-27
Vibration resistance	2 gn 5...300 Hz power poles open IEC 60068-2-6 4 gn 5...300 Hz power poles closed IEC 60068-2-6
Resistance to electrostatic discharge	8 kV 3 in open air IEC 61000-4-2 8 kV 4 on contact IEC 61000-4-2
Non-dissipating shock wave	1 kV serial mode IEC 60947-6-2 2 kV common mode IEC 60947-6-2
Resistance to radiated fields	10 V/m 3 IEC 61000-4-3

Resistance to fast transients	2 KV 3 serial link IEC 61000-4-4 4 kV 4 all circuits except for serial link IEC 61000-4-4
Immunity to radioelectric fields	10 V IEC 61000-4-6
Immunity to microbreaks	3 ms
Immunity to voltage dips	70 % / 500 ms IEC 61000-4-11

Iepakojšanas vienības

Pirmā iepakojuma vienības tips	PCE
Vienību skaits 1. iepakojumā	1
1. iepakojuma augstums	5,0 cm
1. iepakojuma platums	8,1 cm
1. iepakojuma garums	8,7 cm
1. iepakojuma svars	116,0 g
Otrā iepakojuma vienības tips	S02
Vienību skaits 2. iepakojumā	23
2. iepakojuma augstums	15,0 cm
2. iepakojuma platums	30,0 cm
2. iepakojuma garums	40,0 cm
2. iepakojuma svars	2,986 kg

Piedāvājiēt ilgtspēju

Ilgspējīgs piedāvājuma statuss	Green Premium izstrādājums
REACH regula	REACH Deklarācija
ES RoHS direktīva	Atbilst izņēmumiem
Nesatur dzīvsudrabu	Jā
Ķīnas RoHS regula	Ķīnas RoHS Deklarācija
Informācija par RoHS izņēmumiem	Jā
Vides informācijas publicēšana	Produkta Ietekme Uz Vidi
Cirkularitātes profils	Informācija Par Eksploatācijas Izbeigšanu
WEEE	Eiropas Savienības tirgū no šī produkta ir jāatbrīvojas, ievērojot noteiktu atkritumu savākšanas kārtību, un produkts nedrīkst nonākt sadzīves atkritumu tvertnēs.
Nesatur PVH	Jā
Halogēnu satura veiktspēja	Produkta plastmasas detaļās nesatur halogēnus

Līguma garantija

Garantija	18 months
-----------	-----------