

# LUCD12BL

Advanced control unit, TeSys Ultra, 3P, 3 to 12A, 690VAC, protection & diagnostic, class 20, 24VDC coil



## Galvenā

Diapazons	TeSys
Produkta sērija	TeSys Ultra
Produkta nosaukums	TeSys Ultra
Ierīces īsais nosaukums	LUCD
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 phase failure and phase imbalance Manual reset Protection against overload and short-circuit Earth fault protection
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 LU2B12BL[RETURN]Reversing contactor breaker LU2B32BL[RETURN]Reversing contactor breaker LU2B38BL
[Ue] nominālais darbības spriegums	690 V AC
Network frequency	40...60 Hz
Load type	3-phase motor self-cooled
Utilisation category	AC-44 AC-41 AC-43
Motor power kW	5,5 KW 400...440 V AC 50/60 Hz 5,5 KW 500 V AC 50/60 Hz 9 kW 690 V AC 50/60 Hz
Rated motor current adjustment range	3...12 A
Thermal overload class	Class 20 40...60 Hz -25...70 °C IEC 60947-6-2 Class 20 40...60 Hz -25...70 °C UL 508
Tripping threshold	14.2 x I <sub>r</sub> +/- 20 %
Phase failure sensitivity	Yes
[Uc] control circuit voltage	24 V DC

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## Papildinošs

Control circuit voltage limits	20...27 V DC 24 V in operation 14.5 V DC 24 V drop-out
Typical current consumption	130 MA 24 V DC I maximum while closing with LUB12 220 MA 24 V DC I maximum while closing with LUB32 220 MA 24 V DC I maximum while closing with LUB38 60 MA 24 V DC I rms sealed with LUB12 80 MA 24 V DC I rms sealed with LUB32 80 mA 24 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 70 ms closing with LUB12 control circuit 70 ms closing with LUB32 control circuit 70 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
[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	LUCD

## 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
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	5,5 cm
1. iepakojuma platums	8,0 cm
1. iepakojuma garums	10,5 cm
1. iepakojuma svars	125,0 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	3,069 kg

## Piedāvājiēt ilgtspēju

Ilgtspējīgs piedāvājuma statuss	Green Premium izstrādājums
REACH regula	<a href="#">REACH Deklarācija</a>
ES RoHS direktīva	Atbilst izņēmumiem
Nesatur dzīvsudrabu	Jā
Ķīnas RoHS regula	<a href="#">Ķīnas RoHS Deklarācija</a>
Informācija par RoHS izņēmumiem	<a href="#">Jā</a>
Vides informācijas publicēšana	<a href="#">Produkta Ietekme Uz Vidi</a>
Cirkularitātes profils	<a href="#">Informācija Par Eksploatācijas Izbeigšanu</a>
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 saturs veiktspēja	Produkta plastmasas detaļas nesatur halogēnus

## Līguma garantija

Garantija	18 months
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