



Ref. Certif. No.

SI-3593IEC SYSTEM FOR MUTUAL RECOGNITION OF TEST
CERTIFICATES FOR ELECTRICAL EQUIPMENT (IECEE)
CB SCHEMESYSTEME CEI D'ACCEPTATION MUTUELLE DE
CERTIFICATS D'ESSAIS DES EQUIPEMENTS
ELECTRIQUES (IECEE) METHODE OC**CB TEST CERTIFICATE****CERTIFICAT D'ESSAI OC**Product
Produit

AC Supplied Electronic Control Gear for LED Modules

Name and address of the applicant
Nom et adresse du demandeurFRIWO Gerätebau GmbH
Von-Liebig-Strasse 11, D-48346 Ostbevern, GermanyName and address of the manufacturer
Nom et adresse du fabricantFRIWO Gerätebau GmbH
Von-Liebig-Strasse 11, D-48346 Ostbevern, GermanyName and address of the factory
Nom et adresse de l'usineFRIWO Gerätebau GmbH
Von-Liebig-Strasse 11, D-48346 Ostbevern, GermanyNote: When more than one factory, please report on page 2
Note: Lorsque il y a plus d'une usine, veuillez utiliser la 2^{ème} page Additional Information on page 2Ratings and principal characteristics
Valeurs nominales et caractéristiques principales

See additional information on page 2

Trademark (if any)
Marque de fabrique (si elle existe)Type of Manufacturer's Testing Laboratories used
Type de programme du laboratoire d'essais constructeur

/

Model / Type Ref.
Ref. De type

LT60-48/1200, LT60-36/1600, LT60-27/1600, LT60-24/2500

Additional information (if necessary may also be reported
on page 2)
Les informations complémentaires (si nécessaire, peuvent
être indiqués sur la 2^{ème} page Additional Information on page 2A sample of the product was tested and found
to be in conformity with
Un échantillon de ce produit a été essayé et a été
considéré conforme à laIEC 61347-1:2007 (2nd. Edition)
IEC 61347-2-13:2006 (1st. Edition)
IEC 62384:2006+A1:2008 (1st. Edition)As shown in the Test Report Ref. No. which forms part of
this Certificate
Comme indiqué dans le Rapport d'essais numéro de
référence qui constitue partie de ce Certificat

T211-0678/12, T211-0679/12

This CB Test Certificate is issued by the National Certification Body
Ce Certificat d'essai OC est établi par l'Organisme **National de Certification**Slovenski institut za kakovost in meroslovje
Slovenian Institute of Quality and Metrology
Tržaška c. 2, SI-1000 Ljubljana, Slovenia
Product Certification Body is accredited by Slovenian Accreditation, Reg. No.: CP-001

Date: 2012-12-20

Signature: Alja Pregl

Ratings and principal characteristics:

Model	U _{in} (V)	I _{in} (mA)	f (Hz)	P _{in} (W)	λ*	const. current		const. voltage		max P _o (W)	t _c (°C)	t _a (°C)
						I _o (mA)	U _o (V)	I _o (mA)	U _o (V)			
LT60-48/1200	220-240	290	50-60	64	0,95	1200	30-47	0-1140	48	58	70	-20/+45
LT60-36/1600	220-240	290	50-60	64	0,95	1600	22-35	0-1520	36	58	70	-20/+45
LT60-27/1600	220-240	220	50-60	48	0,95	1600	18-26,5	0-1520	27	43	70	-20/+45
LT60-24/2500	220-240	300	50-60	67	0,95	2500	15-23,5	0-2375	24	60	70	-20/+45

λ* stated is circuit power factor at maximal output power. In the specification is stated graph of circuit power factor with relation to the output power.

Control gears for LED modules are protected against overheating –max. case temperature 110 °C
Protection against electric shock shall be assured by installation of the control gear.
Control gears LT60 series can have stabilised output voltage or output current.

The control gears are provided with following dimming options:

- dimming with Friwo DIMMbox connected to the output of the control gears
- dimming with ON/OFF switch connected to the output of the control gears
- dimming with variable resistor connected to the output of the control gears
- dimming with external control voltage connected to the output of the control gears

For all variants of dimming must be used SELV control units or units separated from mains with reinforced insulation.

Factory locations:

- FRIWO Gerätebau GmbH, Von-Liebig-Strasse 11, D-48346 Ostbevern, Germany
- TABEMAX SP J, Ulica Betonowa 1, 86-005 Bialo Blota, Poland

Additional information (if necessary)

Information complémentaire (si nécessaire)

Date: 2012-12-20

Signature: Alja Pregl

