



Ref. Certif. No.

SI-4254

IEC 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 or DC 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

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

LT100-24/4200

Additional information (if necessary may also be reported
on page 2)
Les informations complémentaires (si nécessaire, peuvent
être indiqués sur la 2^{ème} pageThis CB certificate supersedes previously issued CB certificate
SI-3658 due to the extension with dc supply voltage and
modified ambient temperature. 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) + A1:2010
IEC 61347-2-13:2006 (1st. Edition)
IEC 62384:2006 (1st. Edition) + A1:2009As 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

T211-0239/14, T211-0240/14

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: 2014-05-15

Signature: Alja Pregl

Ratings and principal characteristics:

PRI: $U_{in}=220-240\text{ V}$; $f=50-60\text{ Hz}$; $I_{in}=480\text{ mA}$; $P_{in}=110\text{ W}$;
 $\lambda > 0,95$ at max P_{out} ; $t_a -20^{\circ}\text{C}\dots+45^{\circ}\text{C}$; $t_c 75^{\circ}\text{C}$

SEC: $U_o=15\text{ V}-23,5\text{ V}$; $I_o=4200\text{ mA}$ constant current; max. 100 W
 $I_o=0\text{ mA}-4000\text{ mA}$; $U_o=24\text{ V}$ constant voltage; max. 100 W

Additional information:

- Control gear can be supplied with a.c. or d.c. supply voltage.
- Stated circuit power factor $\lambda > 0,95$ is power factor at maximal output power. In the specification is stated diagram of circuit power factor with relation to the output power.
- Protection against electric shock shall be assured by installation of the control gear.
- Top and bottom parts of enclosure are mounted with ultrasonic welding process.
- Control gear is protected against overheating - max. case temperature 110°C
- Control gear can have stabilised output voltage or output current.

Control gear is provided with following dimming options which are connected to the CTRL terminal:

- 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, PL-86-005 Bialo Blota, Poland

Additional information (if necessary)**Information complémentaire (si nécessaire)**

Date: 2014-05-15

Signature: Alja Pregl

