

# CERTIFICATE

Issued to:  
Applicant:  
**Hadler GmbH**  
**Fritzlärer Straße 19**  
**34587, Felsberg, Germany**

Manufacturer/Licensee:  
**Hadler GmbH**  
**Fritzlärer Straße 19**  
**34587, Felsberg, Germany**

Products : electronic ballasts for fluorescent lamps  
Trade name : LUXTRONIC  
Types : 3 P 113 25 0, 3 P 118 25 0, 3 P 126 25 0, 3 P 132 25 0  
3 P 213 22 0

The product and any acceptable variation thereto is specified in the Annex to this certificate and the documents therein referred to.

DEKRA hereby declares that the above-mentioned product has been certified on the basis of:

- a type test according to the standard EN 60929:2006; EN 61347-1:2008; EN 61347-2-3:2001
- an inspection of the production location according to CENELEC Operational Document CIG 021
- a certification agreement with the number 997596

DEKRA hereby grants the right to use the ENEC KEMA-KEUR certification mark.

The ENEC KEMA-KEUR certification mark may be applied to the product as specified in this certificate for the duration of the ENEC KEMA-KEUR certification agreement and under the conditions of the ENEC KEMA-KEUR certification agreement.

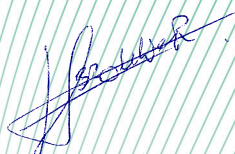
This certificate is issued on: 31 August 2011 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 2145420.01

DEKRA Certification B.V.



drs. G.J. Zoetbrood  
Managing Director



H.J. Brouwer  
Certification Manager

© Integral publication of this certificate is allowed

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ACCREDITED BY  
THE DUTCH COUNCIL  
FOR ACCREDITATION



**SPECIFICATION OF THE CERTIFIED PRODUCT****Product data**

product	: electronic ballasts for fluorescent lamps
trade name	: LUXTRONIC
type	: 3 P 113 25 0, 3 P 118 25 0, 3 P 126 25 0, 3 P 132 25 0 3 P 213 22 0
rated current	: see product data per type
rated voltage	: 220...240 V
nature of supply	: ac/dc
rated frequency	: 0/50-60 Hz
rated wattage / lamp type	: see product data per type
temperature limit	: see product data per type
max. case temperature(tc)	: see product data per type
power factor	: see product data per type
description	: for building in luminaire appliances

**Additional information**

- for compact or tubular fluorescent lamps
- with screwless terminals suitable for 0,5...1,5 mm<sup>2</sup>
- pre-heat starting mode
- type: 3 P 213 22 0 used a serial topology to drive two lamps simultaneously
- types: 3 P 1xx 25 0 are based on the same printed circuit board, but with only one lamp channel

**Product data - type 3 P 113 25 0**

rated current	: max. 0,07 A
rated wattage / lamp type	: 1x 7...13 W / TC-DEL/SEL
temperature limit	: -20...+60 °C
max. case temperature(tc)	: 75 °C
power factor	: 0,90C

**Product data - type 3 P 118 25 0**

rated current	: max. 0,09 A
rated wattage / lamp type	: 1x 18 W / TC-DEL/TEL
temperature limit	: -20...+60 °C
max. case temperature(tc)	: 75 °C
power factor	: 0,96

**Product data - type 3 P 126 25 0**

rated current	: max. 0,12 A
rated wattage / lamp type	: 1x 26 W / TC-DEL or 1x 18/24 W / TC-L/F
temperature limit	: -20...+60 °C
max. case temperature(tc)	: 80 °C
power factor	: 0,98

**Product data - type 3 P 132 25 0**

rated current : max. 0,14 A  
rated wattage / lamp type : 1x 32 W / TC-TEL  
temperature limit : -20...+50 °C  
max. case temperature(tc) : 70 °C  
power factor : 0,98

**Product data - type 3 P 213 22 0**

rated current : max. 0,14 A  
rated wattage / lamp type : 2x 9...13 W / TC-DEL/SEL  
temperature limit : -20...+60 °C  
max. case temperature(tc) : 75 °C  
power factor : 0,98

**TESTS****Test requirements**

EN 60929:2006 + C11:2006  
EN 61347-1:2008 + A1:2011  
EN 61347-2-3:2001 + A1:2004 + A2:2006

**Test result**

The test results are laid down in DEKRA test file 2145420.00.

**Remarks**

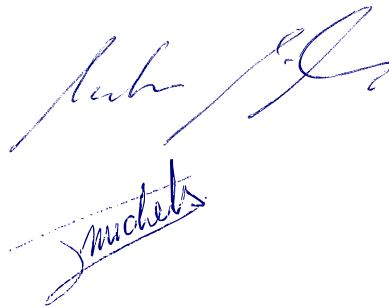
This certificate supersedes ENEC/KEMA-KEUR certificate no. 2092897.02, dated: August 31, 2006

**Conclusion**

The examination proved that all test requirements were met.

Tested by : M. Müller

Checked by : T.H.J.M. Michels

**Factory location**

Hadler GmbH  
Fritzlarer Straße 19, 34587, Felsberg  
Germany

**List of components**

Component	trade name	type/model	approval mark <sup>1)</sup>
screwless terminal	WAGO	250	VDE

<sup>1)</sup> \* indicates a component tested as part of the appliance