

# CERTIFICATE

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

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

Product : LED control gear  
Trade name : LUXTRONIC  
Types : 3 C 180 08 0, 3 C 180 08 6, 3 C 180 18 0, 3 C 180 18 6, 3 C 180 28 0, 3 C 180 28 6

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 61347-1:2008; EN 61347-2-13:2014; EN 62384:2006
- 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: 26 June 2015 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 3405201.01

DEKRA Certification B.V.



drs. G.J. Zoetbrood  
Managing Director



H. Biener  
Certification Manager

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ACCREDITED BY THE  
DUTCH ACCREDITATION  
COUNCIL



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

product	: LED control gear
trade name	: LUXTRONIC
types	: 3 C 180 08 0, 3 C 180 08 6, 3 C 180 18 0, 3 C 180 18 6, 3 C 180 28 0, 3 C 180 28 6
rated input voltage	: 220-240 V
nature of supply	: ac or dc
rated frequency	: 0/50-60 Hz
supply current	: 0,38 A @230 V
power factor	: 0,98
temperature range	: see product data per type
rated output current	: see product data per type
rated output voltage	: 25...325 V
rated rated output	: 10...80 W
max. case temperature	: see product data per type

**Additional information**

- built-in LED constant current electronic control gear
- max. enclosure temperature under abnormal or fault conditions 110°C
- suitable for being mounted in luminaires
- suitable for central battery emergency lighting systems
- with screwless input terminals, for wires 0,5...1,5 mm<sup>2</sup>

Type series 3 C 180 08 y, 3 C 180 18 y, 3 C 180 28 y:

y = 0: output current set by manufacturer

y = 6: output current and level set by DALI

**Product data - types 3 C 180 08 0, 3 C 180 08 6**

rated current	: 50...350 mA
temperature range	: -25...+70°C
max. case temperature	: 85°C

**Product data - types 3 C 180 18 0, 3 C 180 18 6**

rated current	: 100...500 mA
temperature range	: -25...+60°C
max. case temperature	: 80°C

**Product data - types 3 C 180 28 0, 3 C 180 28 6**

rated current	: 250...700 mA
temperature range	: -25...+50°C
max. case temperature	: 75°C

**TESTS****Test requirements**

Main test requirements:

EN 61347-1:2008 + A1:2011 + A2:2013

EN 61347-2-13:2014

Additional test requirements:

EN 62384:2006 + A1:2009

**Test result**

The test results are laid down in DEKRA test file 3405201.00.

**Remarks**

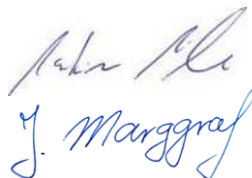
The component list is laid down in test report 3405201.50.

**Conclusion**

The examination proved that all test requirements were met.

Tested by : M. Müller

Checked by : J. Marggraf

Two handwritten signatures in blue ink. The top signature is "M. Müller" and the bottom signature is "J. Marggraf".**Factory locations**

Hadler GmbH

Fritzlarer Straße 19, 34587, Felsberg

Germany