

# CERTIFICATE

Issued to:  
Applicant:  
**Philips Lighting (China) Investment Co., Ltd.**  
Building 9, Lane 888, Tianlin Road,  
Minhang district  
200233 Shanghai, China

Licensee:  
**Philips Lighting B.V.**  
High Tech Campus 45  
5656 AE Eindhoven, The Netherlands

Manufacturer:  
**Philips Lighting (China) Investment Co., Ltd.**  
Building 9, Lane 888, Tianlin Road,  
Minhang district  
200233 Shanghai, China

Product : Independent controlgears  
Trade name(s) : PHILIPS  
Type(s)/model(s) : 9290014211, 9290014212, 9290014213, 9290014214, etc.

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 61347-1:2015, EN 61347-2-13:2014, EN 61347-2-13:2014/A1:2017, EN 62384:2006 and EN 62384:2006/A1:2009
- an inspection of the production location according to CENELEC Operational Document CIG 021
- a certification agreement with the number 947556

DEKRA hereby grants the right to use the ENEC certification mark.

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

This certificate is issued on 13 November 2017 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 35-101907

DEKRA Certification B.V.



drs. G.J. Zoetbrood  
Managing Director



Rosa Zhou  
Certification Manager

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

Product	: Independent controlgears
Trade name(s)	: PHILIPS
Type(s)/model(s)	: 9290014207, 9290014208, 9290014209, 9290014210, 9290014211, 9290014212, 9290014213 and 9290014214
Rated input voltage	: 220-240 V~
Nature of supply	: ac
Rated frequency	: 50/60 Hz
Power factor	: 0,95
Degree of protection	: IP20
Additional information	: SELV; non-inherently short-circuit proof; 110 °C thermal protection

**Product data – type 9290014207**

Output current	: 0,1 A
Output voltage range	: 29-40 Vdc, Max. 60 Vdc
Max. output watt	: 4 W
Ambient temperature (ta)	: 50 °C
Case temperature (tc)	: 80 °C

**Product data – type 9290014208**

Output current	: 0,15 A
Output voltage range	: 29-40 Vdc, Max. 60 Vdc
Max. output watt	: 6 W
Ambient temperature (ta)	: 50 °C
Case temperature (tc)	: 80 °C

**Product data – type 9290014209**

Output current	: 0,35 A
Output voltage range	: 8-20 Vdc, Max. 60 Vdc
Max. output watt	: 7 W
Ambient temperature (ta)	: 50 °C
Case temperature (tc)	: 80 °C

**Product data – type 9290014210**

Output current	: 0,2 A
Output voltage range	: 29-40 Vdc, Max. 60 Vdc
Max. output watt	: 8 W
Ambient temperature (ta)	: 50 °C
Case temperature (tc)	: 80 °C

**Product data – type 9290014211**

Output current	: 0,25 A
Output voltage range	: 29-40 Vdc, Max. 60 Vdc
Max. output watt	: 10 W
Ambient temperature (ta)	: 50 °C
Case temperature (tc)	: 80 °C

**Product data – type 9290014212**

Output current	: 0,5 A
Output voltage range	: 8-20 Vdc, Max. 60 Vdc



Max. output watt : 10 W  
Ambient temperature (ta) : 50 °C  
Case temperature (tc) : 80 °C

**Product data – type 9290014213**

Output current : 0,35 A  
Output voltage range : 29-40 Vdc, Max. 60 Vdc  
Max. output watt : 14 W  
Ambient temperature (ta) : 50 °C  
Case temperature (tc) : 80 °C

**Product data – type 9290014214**

Output current : 0,75 A  
Output voltage range : 8-20 Vdc, Max. 60 Vdc  
Max. output watt : 15 W  
Ambient temperature (ta) : 50 °C  
Case temperature (tc) : 85 °C

**TESTS****Test requirements**

EN 61347-1:2015  
EN 61347-2-13:2014  
EN 61347-2-13:2014/A1:2017  
EN 62384:2006  
EN 62384:2006/A1:2009

**Test result**

The test results are laid down in DEKRA test file 434031400.

**Additional information**

This certificate replaces certificate No. 35-101362 which we herewith declare invalid.

The list of components is laid down at test report 4340314.50 and 4340314.51.

**Conclusion**

The examination proved that all requirements were met.

**Factory location**