

CERTIFICATE

Issued to:
Applicant:
HEP Tech Co. Ltd.
20 Jingke 7th Rd
Nantun Dist
408 Taichung, Taiwan

Licensee:
HEP GmbH
Ramsloh 10
58579 Schalksmühle, Germany

Product : Electronic control gear for fluorescent lamps
Trade name(s) : HEP GROUP
Type(s)/model(s) : SI214-35 UNI, SI218-40 UNI, SI254-58 UNI, SIS114-35 UNI 21,
SIS114-35 UNI S, SIS118-40 UNI 21 and SIS154-58 UNI 21

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 61347-2-3:2011, EN 61347-2-3:2011/A1:2017, EN 60929:2011 and EN 60929:2011/A1:2016
- an inspection of the production location according to CENELEC Operational Document CIG 021
- a certification agreement with the number 2013493

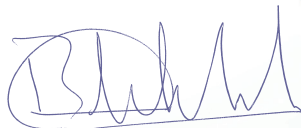
DEKRA hereby grants the right to use the ENEC certification mark.

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 21 December 2018 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 88-106799

DEKRA Certification B.V.



B.T.M. Holtus
Managing Director



H.R.M. Barends
Certification Manager

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SPECIFICATION OF THE CERTIFIED PRODUCT**Product data**

Product	: Electronic control gear for fluorescent lamps
Trade name(s)	: HEP GROUP
Type(s)/model(s)	: SI214-35 UNI, SI218-40 UNI, SI254-58 UNI, SIS114-35 UNI 21, SIS114-35 UNI S, SIS118-40 UNI 21 and SIS154-58 UNI 21
Rated voltage	: 100-277 Vac
Rated frequency	: 0/50-60 Hz
Power factor	: 0.98
Temperature range	: -25...+60 °C
Description	: for building in luminaire appliances

TESTS**Test requirements**

EN 61347-1:2015
EN 61347-2-3:2011
EN 61347-2-3:2011/A1:2017
EN 60929:2011
EN 60929:2011/A1:2016

Test result

The test results are laid down in DEKRA test file 340988000.

Additional information

- warmstart electronic control gear, with automatic restart after lamp changes
- energy controlled pre-heat starting mode
- for compact or tubular fluorescent lamps
- with screwless terminals for wires 0,5...1,5mm²
- max. enclosure temperature 110°C in abnormal or under fault conditions

The list of components is laid down at test report 3409880.50.

Conclusion

The examination proved that all requirements were met.

Factory locations

HEP GmbH
Ramsloh 10
58579 Schalksmühle, Germany

Weisen Electronic Co. Ltd.
Sanzao Ind. Park of Zhuhai
Zhuhai City
Guangdong Province, China

Product data - type SIS114-35 UNI S, SIS114-35 UNI 21

Supply current : 80...170 mA (@230 V)
 Rated wattage and lamp : 1 x 14 / 21 / 28 / 35 W T5
 tc point : 75°C
 U-OUT : 300 V

Product data - type SIS118-40 UNI 21

Supply current : 90...190 mA (@230 V)
 Rated wattage and lamp : 1 x 18 / 25 / 36 W T8, 1 x 24 / 39 W T5
 : 1 x 18 / 24 / 36 / 40 W TC-L, 1 x 18 / 24 / 36 W TC-F
 tc point : 75°C
 U-OUT : 300 V

Product data - type SIS154-58 UNI 21

Supply current : 240...250 mA (@230 V)
 Rated wattage and lamp : 1 x 58 W T8, 1 x 54 W T5, 1 x 55 W (50 W) TC-L
 tc point : 80°C
 U-OUT : 300 V

Product data - type SI214-35 UNI

Supply current : 150...350 mA (@230 V)
 Rated wattage and lamp : 2 x 14 / 21 / 28 / 35 W T5
 tc point : 80°C
 U-OUT : 430 V

Product data - type SI218-40 UNI

Supply current : 150...380 mA (@230 V)
 Rated wattage and lamp : 2 x 18 / 25 / 36 W T8, 2 x 24 / 39 W T5
 : 2 x 18 / 24 / 36 / 40 W TC-L, 2 x 18 / 24 / 36 W TC-F
 tc point : 75°C
 U-OUT : 300 V

Product data - type SI254-58 UNI

Supply current : 440...490 mA (@230 V)
 Rated wattage and lamp : 2 x 58 W T8, 2 x 54 W T5, 2 x 55 W (50 W) TC-L
 tc point : 75°C
 U-OUT : 300 V