

CERTIFICATE

Issued to:
Applicant:
Vossloh-Schwabe Deutschland GmbH
Stuttgarter Str. 61/1
73614 Schorndorf, Germany

Licensee:
Vossloh-Schwabe Deutschland GmbH
Stuttgarter Str. 61/1
73614 Schorndorf, Germany

Product : Electronic controlgear for LED modules
Trade name(s) : VS LIGHTING SOLUTIONS
Type(s)/model(s) : ECXe 1050.653, ECXe 350.650, ECXe 500.651 and ECXe 700.652

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(s) EN 61347-2-13:2014, EN 61347-2-13:2014/A1:2017, EN 61347-1:2015, EN 61347-1:2015/A1:2021 and EN IEC 62384:2020
- an inspection of the factory location according to CENELEC Operational Document CIG 021
- a DEKRA certification agreement with the number 6061104

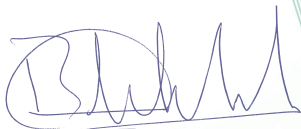
DEKRA hereby grants the right to use the ENEC certification mark.

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

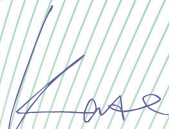
This certificate is issued on 31 January 2023 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 81-127176

DEKRA Certification B.V.



B.T.M. Holtus
Managing Director



K Xu
Certification Manager

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COUNCIL



SPECIFICATION OF THE CERTIFIED PRODUCT**Product data**

Product	: Electronic controlgear for LED modules
Trade name(s)	: VS LIGHTING SOLUTIONS
Type(s)/model(s)	: ECXe 1050.653, ECXe 350.650, ECXe 500.651 and ECXe 700.652
Primary voltage	: 220-240 V for a.c
Rated frequency	: 50-60 Hz
Primary current	: 0,08-0,22 A
Type of load	: LED modules, power LED
Classification	: Built in, SELV output

TESTS**Test requirements**

EN 61347-2-13:2014
EN 61347-2-13:2014/A1:2017
EN 61347-1:2015
EN 61347-1:2015/A1:2021
EN IEC 62384:2020

Test result

The test results are laid down in DEKRA test file 350033600.

Additional information

DEKRA test report No. 3500336.670 and 3500336.671 are laid down in DEKRA test file 350033600; they contain test results. DEKRA test report No. 3500336.670 contains critical component list.

For specific Model/Type electrical rating refer to following page.

Conclusion

The examination proved that all requirements were met.

Factory location

The factory location is registered with the number 854975.

General product information:								
The devices are intended to supply high power Light Emitting Diodes or LED modules from mains at 220-240 V 50-60 Hz. PRI current is proportional to the output power by the setting of DIP switch.								
Type/s	PRI Current [A]	Power Factor	Output Power (W)	Output Current (A)	Uout d.c. (V)	ta (°C)	tc (°C)	Use [1]
ECXe 350.650	0,08	0,95 (Po>10 W)	10,5-14,7	0,25-0,35	59	-20...35	50	110, Fmax, DI
ECXe 500.651	0,11	0,95 (Po>18 W)	14,7-21	0,35-0,5	59	-20...35	60	110, Fmax, DI
ECXe 700.652	0,17	0,95 (Po>22 W)	23,1-31,5	0,55-0,75	59	-20...35	70	110, Fmax, DI
ECXe 1050.653	0,22	0,95 (Po>28 W)	33,6-44,1	0,8-1,05	59	-20...35	75	110, Fmax, DI
Notes: [1] 110=triangle with the maximum temperature of enclosure, thermal protection (C.5.a); Fmax=50 N for track system; DI=built-in with double insulation (safety transformer with short circuit protection) and SELV output.								

Connection	Connection to supply (PRI) L, N	Connection to load (SEC) JP2
ECXe 350.650, ECXe 500.651, ECXe 700.652, ECXe 1050.653	Track adaptor	Screw-less terminal 0,2-0,5 mm ²