

CERTIFICATE

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

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

Product : Electronic controlgear for LED modules
Trade name(s) : VS LIGHTING SOLUTIONS
Type(s)/model(s) : ECXd 1050.566 187231, ECXd 1050.566 187232, ECXe 1050.565 187229 and ECXe 1050.565 187230

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

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

- a type test according to 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 3409202

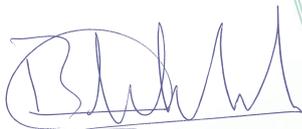
DEKRA hereby grants the right to use the ENEC certification mark.

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 10 April 2024 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 81-118017 REV.1

DEKRA Certification B.V.



B.T.M. Holtus
Managing Director



Miranda Zhou
Certification Manager

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SPECIFICATION OF THE CERTIFIED PRODUCT**Product data**

Product	: Electronic controlgear for LED modules
Trade name(s)	: VS LIGHTING SOLUTIONS
Type(s)/model(s)	: ECXd 1050.566 187231, ECXd 1050.566 187232, ECXe 1050.565 187229 and ECXe 1050.565 187230
Primary voltage	: 220-240 V a.c.
Rated frequency	: 50-60 Hz
Primary current	: 0,22 A
Secondary current	: From 0,3 to 1,05 A
Secondary power	: From 12,6 to 40 W
Type of load	: LED modules, power LED
Classification	: Built-in with double insulation

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 350964600.

Additional information

DEKRA test report No. 3500336.702 and 3500336.703 are laid down in DEKRA test file 350964600; they contain test results.

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

This certificate replaces certificate No. 81-118017 which we hereby declare invalid.

The list of components is laid down in test report 3500336.702.

Conclusion

The examination proved that all requirements were met.

Factory location

The factory location is registered with the number 854975.

General product information: The device is intended to supply high power Light Emitting Diodes or LED modules. The devices have a constant output current (CC). ECXd models are dimmable through the DALI signal.									
Types	Supply voltage (V)	Supply current (A)	Power Factor	Output power (W)	Output current (A)	Uout (V)	t _a (°C)	t _c (°C)	Use [1]
ECXd 1050.566 187231, ECXd 1050.566 187232, ECXe 1050.565 187229 and ECXe 1050.565 187230	220-240	0,22	0,9 C-0,95	12,6-40	0,3-1,05	59	0..35	85	DI, Fmax, 110, SELV
Notes: [1] – DI=built-in with double insulation; Fmax=50 N for track systems; 110=thermal protection (C.5.a automatic resetting type); SELV=SELV output.									