

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 or Vossloh-Schwabe Deutschland GmbH
Type(s)/model(s) : ECXd 1050.299 186762 and ECXd 1050.299 186763

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 6061104

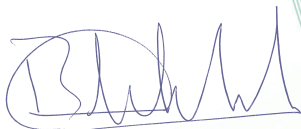
DEKRA hereby grants the right to use the ENEC certification mark.

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

Certificate number: 81-122834 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 or Vossloh-Schwabe Deutschland GmbH
Type(s)/model(s)	: ECXd 1050.299 186762 and ECXd 1050.299 186763
Primary voltage	: 220-240 V for a.c., 189-250 V for d.c
Rated frequency	: 50-60 Hz, 0 Hz
Primary current	: From 0,18 to 0,2 A for a.c., 0,25 A for d.c
Secondary current	: From 0,3 to 1,05 A
Secondary power	: 38 W
Type of load	: LED modules, power LED
Classification	: Independent, Built in

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. 3500336.570 and 3500336.571 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. 81-122834 which we hereby declare invalid.

The list of components is laid down in test report 3500336.570.

Conclusion

The examination proved that all requirements were met.

Factory location


General product information: The devices are electronic controlgears, intended to supply high power Light Emitting Diodes or LED modules. The devices have a stabilized output current (CC).									
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 1050.299 186763	220-240 170-280*	0,18-0,2 0,25*	0,95 (Pout≥15 W)	38	0,3-1,05	59	-25..45	85	II, MM, 110, SELV
ECXd 1050.299 186762							-25..50	85	DI, MM, 110, SELV
Notes: *values with d.c. supply, rated 189-250V, extended 170-280 V. [1] – II=independent, class II; DI=built-in with double insulation; MM=suitable for direct mounting on normally flammable surfaces (EN 60598-1); 110=thermal protection (C.5.a automatic resetting type); SELV=SELV output.									