CERTIFICATE

Issued to:
Applicant:
Vossloh-Schwabe Deutschland GmbH
Wasenstrasse 25
73660 Urbach, Germany

Licensee:
Vossloh-Schwabe Deutschland GmbH
Wasenstrasse 25
73660 Urbach, Germany

Product	:	Electronic controlgear for LED modules
Trade name(s)	:	VS LIGHTING SOLUTIONS or Vossloh-Schwabe Deutschland GmbH
Type(s)/model(s)	:	EDXd 130/24.083, EDXd 170/24.081, EDXd 1120/24.082

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 62384:2006 and EN 62384:2006/A1:2009
- 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 20 April 2021 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 81-118696

DEKRA Certification B.V.

B.T.M. Holtus
Managing Director

R Zhou
Certification Manager

ACCREDITED BY THE
DUTCH ACCREDITATION
COUNCIL

PRODUCTS
RvA C 001

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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)	:	EDXd 130/24.083, EDXd 170/24.081, EDXd 1120/24.082
Primary voltage	:	220-240 V for a.c., 196-240 for d.c.
Rated frequency	:	50-60 Hz, 0 Hz
Primary current	:	From 0,16 to 0,63 A for a.c., from 0,19 to 0,75 A for d.c.
Output voltage	:	24 V
Output power	:	From 30 to 120 W
Type of load	:	LED modules, power LED
Classification	:	Built-in

TESTS

Test requirements

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

Test result

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

Additional information

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

DEKRA test report No. 3500336.300 and 3500336.301 are laid down in DEKRA test file 350033600 and they contain test results.

The list of components is laid down in test report 3500336.330.

Conclusion

The examination proved that all requirements were met.

Factory location

The factory location is registered with the number 854975.

General product information: These devices are electronic controlgears to supply high power Light Emitting Diodes or LED modules. The devices have a stabilized output (CV). The stabilized output (SEC) is dimmable by DIM control devices or DALI protocol. The output power can be up to Pout max with proportionate values of Iin. SELV output for built-in use or independent with the additional cable retainer (accessory).

Type/s	ac or *dc [1] PRI current at voltage	Power Factor	Output Power (W)	Output Parameter	ta (°C)	tc (°C)	Use [2]
EDXd 1120/24.082	0,63 A at 220-240 V *0,75 A at 176-264 V	0,95	120	24 V	-25.. 50	85	BI, 110
EDXd 170/24.081	0,37 A at 220-240 V *0,44 A at 176-264 V	0,95	70	24 V	-25.. 50	75	BI, 110
EDXd 130/24.083	0,16 A at 220-240 V *0,19 A at 176-264 V	0,95	30	24 V	-25.. 50	65	BI, 110

Notes: [1] – 176…264 V is the operative d.c. range at which the product can work; they can be used for centralized emergency installations in the rated 196…240 V. [2] – BI=built-in; 110= overheating protection (C.5.a type) and comply with temperature limit of clause 4.16.2 of IEC 60598-1:2014/AMD1:2017.

Connections		
Input supply	PRI	screwless terminal block 0,5-1,5 mm²
Input for DALI dimming	DA	screwless terminal block 0,2-1,5 mm²
Input for analogic dimming control	DIM +/-	screwless terminal block 0,2-1,5 mm²
Output load	SEC +/-	screw terminal block 0,5-1,5 mm²