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 or Vossloh-Schwabe Deutschland GmbH
Type(s)/model(s)	:	EDXd 1120/24.082, EDXd 130/24.083 and EDXd 170/24.081

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 based on:
- 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 16 May 2024 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 81-118696 REV.1

DEKRA Certification B.V.

B.T.M. Holtus
Managing Director

K Xu
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 1120/24.082, EDXd 130/24.083 and EDXd 170/24.081
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 or independent with the additional cable retainer (accessory)

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 documented in DEKRA test file 350964600.

Additional information

DEKRA test report No. 3509646.160 and 3509646.161 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. 81-118696 which we hereby declare invalid.

The list of components is laid down in test report 3509646.160.

Conclusion

The examination has confirmed that all requirements were met.

Factory location

[redacted]

General product information: These devices are electronic controlgears to supply high power Light Emitting Diodes or LED modules with SELV output. 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. Built-in use or independent with the additional cable retainer (accessory).

Type/s	Primary voltage (V)	Primary Current (A)	Power Factor	Output Power (W)	Output Parameter	ta (°C)	tc (°C)	Use [1]
EDXd 1120/24.082	220-240 *176-264	0,63 *0,75	0,95 (Po>51 W)	120	24 V	-25.. 50	85	PE, 110
EDXd 170/24.081	220-240 *176-264	0,37 *0,44	0,95 (Po>35W)	70	24 V	-25.. 50	75	PE, 110
EDXd 130/24.083	220-240 *176-264	0,16 *0,19	0,95	30	24 V	-25.. 50	65	PE, 110

Notes: * 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. [1] – PE=protective earth; 110= overheating protection (C.5.a type).