

CERTIFICATE

Issued to:
Applicant:
EATON; CEAG Notlichtsysteme GmbH
Senator-Schwartz-Ring 26
59494 Soest, Germany

Licensee:
EATON; CEAG Notlichtsysteme GmbH
Senator-Schwartz-Ring 26
59494 Soest, Germany

Product : CPS systems for Emergency lighting
Trade name(s) : EATON, EATON CEAG, EATON JSB or EATON MENVIER
Type(s)/model(s) : US-S/XXX series and ZB-S/XXX series

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 IEC 62368-1:2020, EN IEC 62368-1:2020/A11:2020, EN 50171:2001 and EN IEC 62485-2:2018
- an inspection of the factory location according to CENELEC Operational Document CIG 021
- a DEKRA certification agreement with the number 990758

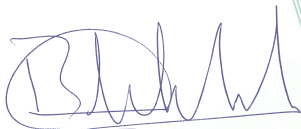
DEKRA hereby grants the right to use the ENEC certification mark.

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 22 February 2022 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 71-120098

DEKRA Certification B.V.



B.T.M. Holtus
Managing Director



H.R.M. Barends
Certification Manager

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COUNCIL



SPECIFICATION OF THE CERTIFIED PRODUCT**Product data**

Product	: CPS systems for Emergency lighting
Trade name(s)	: EATON, EATON CEAG, EATON JSB or EATON MENVIER
Type(s)/model(s)	: US-S/XXX series and ZB-S/XXX series
Mains rated voltage/nature of supply	: 230/400 Vac (3 phase) or 230 Vac (single phase)
Rated current	: 15 - 100 A
Rated frequency	: 50/60 Hz
Battery voltage/nature of supply	: 216 Vdc
Battery current	: 6,9 Adc
Ambient temperature	: 35 °C max.
Class	: class I
Degree of protection	: IP20 / IP21
Overvoltage category	: II
Pollution degree	: 2
Connection to mains	: permanent connection

Product data – type US-S/XXX series

US-S/XXX : without batteries and charging system

Product data – type ZB-S/XXX series

ZB-S/XXX : with batteries and charging system

TESTS**Test requirements**

EN IEC 62368-1:2020
EN IEC 62368-1:2020/A11:2020
EN 50171:2001
EN IEC 62485-2:2018

Test result

The test results are laid down in DEKRA test file 224909200.

Additional information

The list of components is laid down in test report 2249092.50.

Conclusion

The examination proved that all requirements were met.

Factory location

EATON; CEAG Notlichtsysteme GmbH
Senator-Schwartz-Ring 26
59494 Soest, Germany

Type overview of the series:

ZB-S series:

ZB-S 2C3 - ZB-S 10C3 - ZB-S 18C3 - ZB-S 10C - ZB-S 10C6 - ZB-S 18C6 - ZB-S 26C6 – ZB-S 18 – ZB-S 26 - ZB-S LAD

US-S series:

US-S 36 - US-S 28 - US-S 21 - US-S 13 - US-S 5 - US-S SOU2 - US-S SOU1

Rating ZB-S series

<u>ZB-S Type</u>	ZB-S 2C3	ZB-S 10C3	ZB-S 18C3	ZB-S 10C	ZB-S 10C6	ZB-S18C6	ZB-S 26C6	ZB-S 18	ZB-S 26	ZB-S LAD
<u>Rating AC</u>	15A	25A	25A	35A	50A	50A	50A	80A	80A	100A
	230V	230V	230V	230V	230V	230/400V	230/400V	230/400V	230/400V	230/400V
<u>Rating DC</u>	12A	25A	25A	35A	50A	50A	50A	80A	80A	100A
	216V	216V	216V	216V	216V	216V	216V	216V	216V	216V

Rating US-S series

<u>US-S Type</u>	US-S 36	US-S 28	US-S 21	US-S 13	US-S 5	US-S SOU2	US-S SOU1
<u>Rating AC/DC</u>	80A*(80A*(50A	50A	25A	16A	8A
	230/400Vac 216Vdc	230/400Vac 216Vdc	230Vac/ 216Vdc	230Vac/ 216Vdc	230Vac/ 216Vdc	230Vac/ 216Vdc	230Vac/ 216Vdc

*) if the rating is limited to 50A => No DC-Input-Fuse is necessary!