

# 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) : ZB-S/XXX and US-S/XXX

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 and EN IEC 62368-1:2020/A11:2020
- an inspection of the factory location according to CENELEC Operational Document CIG 021
- a DEKRA certification agreement with the number 6056453

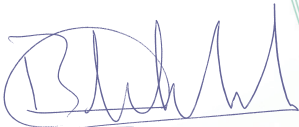
DEKRA hereby grants the right to use the KEMA-KEUR certification mark.

The KEMA-KEUR certification mark may be applied to the product as specified in this certificate for the duration and under the conditions of the KEMA-KEUR certification agreement.

This certificate is issued on 3 August 2021 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 71-118158 REV.1

DEKRA Certification B.V.



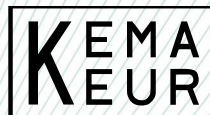
B.T.M. Holtus  
Managing Director



H.R.M. Barends  
Certification Manager

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DUTCH ACCREDITATION  
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	: 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
Remark	: Additional information: The product has also been tested and found in compliance with EN 50171:2001 and EN 62485-2:2018

**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

**Test result**

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

**Additional information**

This certificate replaces certificate No. 71-118158 which we hereby declare invalid.

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!