

TYPE APPROVAL CERTIFICATE

This is to certify:**That the Power supply unit**

with type designation(s)

Product Line: LOGO!POWER - Power Supply Units, Types as listed below

Issued to

**Siemens AG Österreich
Wien, Austria**

is found to comply with

DNV GL rules for classification – Ships, offshore units, and high speed and light craft**Application :****Product(s) approved by this certificate is/are accepted for installation on all vessels classed by DNV GL.**

Voltage output	See page 2
Power	See page 2
Temperature class	B
Vibration class	A
Humidity class	B
Degree of protection	IP20

Issued at **Hamburg** on **2017-08-29**This Certificate is valid until **2022-08-28**.DNV GL local station: **Augsburg**Approval Engineer: **Maik Gagern**for **DNV GL**

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Duy Nam Le
Head of Section

This Certificate is subject to terms and conditions overleaf. Any significant change in design or construction may render this Certificate invalid. The validity date relates to the Type Approval Certificate and not to the approval of equipment/systems installed.



Job Id: **262.1-026345-1**
Certificate No: **TAE0000296**

Product description

Power Supply for Distribution Boards

Rated input voltage U_e 100 - 240 V AC

Type	Rated output voltage U_a	Rated output current I_a
6EP3310-6SB00-0AY0	5 V	3 A
6EP3311-6SB00-0AY0	5 V	6.3 A
6EP3320-6SB00-0AY0	12 V	0.9 A
6EP3321-6SB00-0AY0	12 V	1.9 A
6EP3321-6SB10-0AY0	15 V	1.9 A
6EP3322-6SB00-0AY0	12 V	4.5 A
6EP3322-6SB10-0AY0	15 V	4 A
6EP3330-6SB00-0AY0	24 V	0.6 A
6EP3331-6SB00-0AY0	24 V	1.3 A
6EP3332-6SB00-0AY0	24 V	2.5 A
6EP3333-6SB00-0AY0	24 V	4 A

Application/Limitation

EMC Class A

Type Approval documentation

Tests carried out

DNV GL Class Guidelines DNVGL-CG-0339, Edition 2016-11

Marking of product

Maker's trademark
Type designation
Rated input voltage / current
Rated output voltage / current

Periodical assessment

The scope of the periodical assessment is to verify that the conditions stipulated for the Type Approval are complied with and that no alterations are made to the product design or choice of materials.

The main elements of the assessment are:

- Inspection on factory samples, selected at random from the production line
- Results from Routine Tests (RT) checked (if not available tests according to RT to be carried out)
- Review of type approval documentation
- Review of possible change in design, materials and performance
- Ensuring traceability between manufacturer's product type marking and Type Approval Certificate.

Periodical assessment is to be performed after 2 years and after 3.5 years. A renewal assessment will be performed at renewal of the certificate.

END OF CERTIFICATE