

TYPE APPROVAL CERTIFICATE

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

with type designation(s)

Product Line: "SITOP compact" - Power Supply Module 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	IP 20

Issued at **Hamburg** on **2017-08-28**This Certificate is valid until **2022-10-17**.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: **262.1-026383-1**
Certificate No: **TAE000026X**

Product description

Rated Input Voltage Ue 120 / 230 V AC

Type	Rated output voltage Ua	Rated output current Ia
6EP1321-5BA00	12V DC	2A
6EP1322-5BA10	12V DC	6,5A
6EP1331-5BA00	24V DC	0,6A
6EP1331-5BA10	24V DC	1,3A
6EP1332-5BA00	24V DC	2,5A
6EP1332-5BA10	24V DC	4A
6EP1332-5BA20	24V DC	4A

Application/Limitation

Power Supply for PLC Systems and Switchboards

Type Approval documentation

Tests carried out

DNV GL Rules for Classification DNVGL-RU-0050, Edition 2017-02
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