



Marine & Offshore

Certificate number: 28219/B1 BV

File number: AP4300

Product code: 2670H

This certificate is not valid when presented without the full attached schedule composed of 7 sections

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TYPE APPROVAL CERTIFICATE

This certificate is issued to

Siemens AG Oesterreich - SIMEA IA

Vienna - AUSTRIA

for the type of product

POWER SUPPLY UNITS

SITOP LOGO!Power and SIMATIC PM...

Requirements:

Bureau Veritas Rules for the Classification of Steel Ships

EC Code: 31

This certificate is issued to attest that Bureau Veritas Marine & Offshore did undertake the relevant approval procedures for the product identified above which was found to comply with the relevant requirements mentioned above.

This certificate will expire on: 19 Jun 2025

For Bureau Veritas Marine & Offshore,

At BV HAMBURG, on 17 Mar 2023,

Dirk Hoepfner

This certificate was created electronically and is valid without signature



This certificate remains valid until the date stated above, unless cancelled or revoked, provided the conditions indicated in the subsequent page(s) are complied with and the product remains satisfactory in service. This certificate will not be valid if the applicant makes any changes or modifications to the approved product, which have not been notified to, and agreed in writing with Bureau Veritas Marine & Offshore. Should the specified regulations or standards be amended during the validity of this certificate, the product(s) is/are to be re-approved prior to it/they being placed on board vessels to which the amended regulations or standards apply. This certificate is issued within the scope of the General Conditions of Bureau Veritas Marine & Offshore available on the internet site www.veristar.com. Any Person not a party to the contract pursuant to which this document is delivered may not assert a claim against Bureau Veritas Marine & Offshore for any liability arising out of errors or omissions which may be contained in said document, or for errors of judgement, fault or negligence committed by personnel of the Society or of its Agents in establishment or issuance of this document, and in connection with any activities for which it may provide.

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BV Mod. Ad.E 530 June 2017

This certificate consists of 3 page(s)

THE SCHEDULE OF APPROVAL

1. PRODUCT DESCRIPTION:

SITOP LOGO!Power series are single-phase-input, primary switched-mode power supply units for mounting on standard rail.
SIMATIC PM... series are single-phase-input, primary switched-mode power supply units for mounting on S7 rail.

1.1 - Main characteristics:

Nominal Input Voltage: 100....240VAC
 Frequency Range: 50/60 Hz
 Degree of protection: IP20

1.2 - Variants:

Article No.	Output Voltage DC [V]	Output Current [A]	Serie
6EP3310-6SB00-0AY0	5	3	LOGO!Power
6EP3311-6SB00-0AY0	5	6.3	LOGO!Power
6EP3320-6SB00-0AY0	12	0.9	LOGO!Power
6EP3321-6SB00-0AY0	12	1.9	LOGO!Power
6EP3321-6SB10-0AY0	15	1.9	LOGO!Power
6EP3322-6SB00-0AY0	12	4.5	LOGO!Power
6EP3322-6SB10-0AY0	15	4	LOGO!Power
6EP3330-6SB00-0AY0	24	0.6	LOGO!Power
6EP3331-6SB00-0AY0	24	1.3	LOGO!Power
6EP3332-6SB00-0AY0	24	2.5	LOGO!Power
6EP3333-6SB00-0AY0	24	4	LOGO!Power
6EP3333-6SC00-0AY0	24	4	LOGO!Power
6EP1332-1SH71	24	2.5	SIMATIC PM1207
6EP1332-4BA00	24	3	SIMATIC PM1507
6EP1333-4BA00	24	8	SIMATIC PM1507

2. DOCUMENTS AND DRAWINGS:

- Operating instructions: A5E39578942 dated 03.2017; A5E40765508 dated 01.2017
- Outline drawings: A5E36782495A Rev005 dated 2017-03-13; A5E37042903A Rev005 dated 2017-03-14
A5E37042925A Rev003 dated 2017-02-16; A5E37696789A Rev001 dated 2017-03-14
- PCB electronic: A5E39437792A Rev002 dated 17.02.17; A5E37755858A Rev002 dated 14.07.16
A5E38018490A Rev002 dated 24.08.16; A5E38332710A Rev002 dated 12.09.16

For B1 version:

- Manual: A5E40912965-3-76 dated 03.2023
- Operating instructions: A5E51289140 dated 02.2022; A5E50694589 dated 02.2022; A5E50041426 dated 02.2022
- Outline drawings: A5E37042925A Rev010 dated 2022-01-28; A5F00108703 Rev004 dated 11.01.2017;
C98130-A7614-A1-1-6 Rev01 dated 2012-11-13; C98130-A7614-A2-1-6 Rev1 dated 2012-11-13
- PCB electronic: A5E51359168A Rev001 dated 24.09.21; A5E48360815A Rev001 dated 27.08.19;
A5E47876782A Rev002 dated 03.02.21; A5E33511732A Rev010 dated 25.09.18

3. TEST REPORTS:

- TGM Staatliche Versuchsanstalt: TGM – VA EE 36964 EMC; TGM – VA EE 36964a to d EMC all dated 06.12.2016;
TGM – VA EE 36964e to j EMC all dated 17.01.2017
- SLG: 6041-19-GA-19-PP001 to PP004 all dated 2019-10-16;
6041-19-GG-19-PP001 dated 27.11.2019
- SIEMENS Austria: 01068VIN19 dated 2019-11-06
- TÜV Austria Services: INE-AT/EMV-20/139 08.04.2020
- LCIE: FR_700006/M1 dated 20/02/2017 with report 16TH0295-60950_1 dated 2017-02-02

For B1 version:

- TÜV Austria Services: 2022-IN-AT-TICL-E-EX-0-000027-EMV-004 dated 01.03.2022;
2022-IN-AT-TICL-E-EX-0-000027-EMV-002 dated 01.03.2022;
2022-IN-AT-TICL-E-EX-0-000027-EMV-003 dated 01.03.2022
- SLG: 6062-22-GG-22-PP001 dated 2022-12-22; 6062-22-GA-22-PP001 dated 2022-09-28;
6062-22-GA-22-PP002 dated 2022-09-28; 6062-22-GA-22-PP003 dated 2022-09-28

4. APPLICATION / LIMITATION:

4.1 - Bureau Veritas Rules for the Classification of Steel Ships

4.2 - Approval valid for ships intended to be granted with the following additional class notations: **AUT-UMS, AUT-CCS, AUT-PORT and AUT-IMS.**

4.3 - Bureau Veritas Environmental Category, **EC Code: 31**

4.4 - The equipment fulfils the EMC requirements for installation in General power Distribution Zones.

4.5 - The above products comply with requirements of IACS UR E10 Rev8.

5. PRODUCTION SURVEY REQUIREMENTS:

5.1 - The above mentioned products are to be supplied by **SIEMENS AG Österreich** in compliance with the type described in this certificate.

5.2 - This type of product is within the category HBV of Bureau Veritas Rule Note NR320 and as such does not require a BV product certificate.

5.3 - **SIEMENS AG Österreich** has to make the necessary arrangements to have its works recognised by Bureau Veritas in compliance with the requirements of NR320 for HBV products.

SIEMENS AG Österreich - SIMEA IA
Siemensstrasse 90-92
1211 Wien
AUSTRIA

SIMEA Sibiu SRL
Str. Florian Rieger nr. 4
550052 Sibiu
ROMANIA

SIEMENS Industrial Automation Products Ltd.
No.99, TianYuan Road, HighTech Zone West
611731 Chengdu City, Sichuan Province
P.R. CHINA

6. MARKING OF PRODUCT:

- Maker's name or trademark
- Date of manufacture and/or serial number
- Equipment type or model identification

7. OTHERS:

7.1 It is the responsibility of **SIEMENS AG Österreich** to inform shipbuilders or their sub-contractors of the proper methods of fitting, use and general maintenance of the approved equipment and the conditions of this approval.

7.2 - This certificate supersedes the Type Approval Certificate N° 28219/B0 BV issued on 19 Jun 2020 by the Society.

***** END OF CERTIFICATE *****