Marine & Offshore

Certificate number: 43233/B0 BV
File number: ACE2/124/4
Product code: 2617H

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

Amberg - GERMANY

for the type of product

SIGNALING AND CONTROL DEVICES

SIRIUS Act 3SU1... Series

Requirements:
Bureau Veritas Rules for the Classification of Steel Ships
EC Code: 31/41

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: 28 Aug 2030

For Bureau Veritas Marine & Offshore,
At BV HAMBURG, on 28 Aug 2025,
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.

THE SCHEDULE OF APPROVAL

1. PRODUCT DESCRIPTION:

SIRIUS Act 3SU1... series is a modular system of pushbuttons and signaling devices comprises the following items:

- 3SU10... Actuator and indicator elements
- 3SU11... Complete devices with actuators and indicators
- 3SU12... Compact units - acoustic signaling devices, pushbuttons with extended stroke, potentiometers
- 3SU14... Modules for actuators and indicators (excluding ID key)
- 3SU15... Holders with module
- 3SU18... Enclosures / Enclosed Actuators
- 3SU19... Accessories

	Contact module 3SU1400	LED module 3SU1401
Rated insulation voltage Ui:	500V	320V
Rated impulse withstand voltage Uimp:	6kV	4kV
Pollution degree	3	3

2. DOCUMENTS AND DRAWINGS:

- Manual: A5E03457306020A/RS-AC/003 dated 06/2015
- Catalog: E86060-K1010-A271-A2-7600 dated 02/2015
- 3275 dated 2015-02-25; 33283 dated 2015-05-20

For A1 version:

- Manual: A5E03457306020A/RS-AP/014 dated 10/2021
- Catalog: IC 10 2022 E86060-K1010-A101-B3-7600, Chapter 13
- Test documents / descriptions: SN 27095 edition 2022-05; 17wi0003 version 1.2 dated 2022-03
- Declarations of conformity: 3206.6 dated 2021-04-19; 3275.05 dated 2021-04-14; 3276.02 dated 2021-04-14; 3277.02 dated 2021-04-14; 3278.02 dated 2021-04-14; 3279.06 dated 2022-01-03; 3280.06 dated 2021-04-19; 3281.05 dated 2021-04-14; 3356.03 dated 2021-07-12; 3373.03 dated 2021-04-20; 3405.02 dated 2021-04-20
- Plastic material list: Material List Shipping Approval Part 2.doc;
- Schematics: A5E31277705A rev.003 dated 2013-03-08; A5E45905696A rev.001 dated 2018-09-27; A5E31280070A rev.004 dated 2012-07-18; A5E45906957A rev.001 dated 2018-09-27; A5E45906955A rev.001 dated 2018-09-27; A5E51858740A rev. 001 dated 2016-09-16; A5E51858741A rev.001 dated 2016-09-16; A5E51858742A rev.001 dated 2016-09-16; 3SU1400-2HM10-6AA0 rev.1 dated 2020-08-07; A5E48639634A rev.002 dated 2019-09-24; A5E47205819A rev.002 dated 2019-03-13; A5E51744921A rev.001 dated 2022-02-15; A5E51744927A rev.001 dated 2022-02-15; A5E51744932A rev.001 dated 2022-02-15

For B0 version:

- Catalog: Siemens IC 10 · 2025
- 3283e dated 2021-09-16

3. TEST REPORTS:

- 15026ENV61 dated 2015-12-17; 15026ENV62 dated 2016-09-05

For A1 version:

- Siemens AG: 22-E009420-BM-B01 dated 2022-03-03; 21-E009230-BM-A01 dated 2021-08-10; 21-E009072-BM-A01 dated 2021-02-24; 21-E009160-BM-B01 dated 2021-07-06; 17070ED01 dated 2018-04-16

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: 31/41**

4.4 - Equipment covered by this Type Approval certificate has been tested according to requirements of IACS UR E10 rev.9.

5. PRODUCTION SURVEY REQUIREMENTS:

5.1 - The above mentioned products are to be supplied by **Siemens AG - GWA** 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 - GWA** has to make the necessary arrangements to have its works recognised by Bureau Veritas in compliance with the requirements of NR320 for HBV products.

5.4 - For information, **Siemens AG - GWA** has declared to Bureau Veritas the following production sites:

Siemens AG - GWA
Werner von Siemens Str. 48
9222 Amberg
GERMANY

Siemens Electrical Apparatus Ltd.
Suzhou, Tiantai Branch
Building 699-10, Jigong Road,
Shifeng Street, Tiantai, Taizhou
317200 Zhejiang
P.R. CHINA

Siemens s.r.o.
Nizkonapetova spinaci technika
Volanovska 516
54101 Trutnov
CZECH REPUBLIC

6. MARKING OF PRODUCT:

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

7. OTHERS:

7.1 - It is the responsibility of **Siemens AG - GWA** 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° 43233/A1 BV issued on 29 Aug 2022 by the Society.

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