



Marine & Offshore

Certificate number: 42273/B1 BV

File number: AP4665

Product code: 2643H

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

Weidmüller Interface GmbH & Co. KG

Detmold - GERMANY

for the type of product

CONTROL AUXILIARIES

ACT20P-RS232-RS485/422-S/P

Requirements:

Bureau Veritas Rules for the Classification of Steel Ships and Offshore Units

EC Code: 31B

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: 06 Jul 2026

For Bureau Veritas Marine & Offshore,

At BV HAMBURG, on 17 Apr 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.

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BV Mod. Ad.E 530 June 2017

This certificate consists of 2 page(s)

THE SCHEDULE OF APPROVAL

1. PRODUCT DESCRIPTION:

Interface converter

Order no.	Model	Description	SVN	HVN
3027140000	ACT20P-RS232-RS485/422-S	3-way isolation	1.0	00.30.00
3027150000	ACT20P-RS232-RS485/422-P	3-way isolation	1.0	00.30.00

Technical characteristics:

Power supply: 24V DC
Degree of protection: IP20
Interface: RS232 / RS485/422

2. DOCUMENTS AND DRAWINGS:

- 82424_06 Technical data dated 20.11.2024; 3105770000/00 dated 12.2024;
80808_04-08_Schematic dated 21.11.2024; 80808_09-10_Partlist dated 21.11.2024

3. TEST REPORTS:

- LAB25292E - EMC date 2025-03-06; LAB25288E - ENV date 2025-02-25;

4. APPLICATION/LIMITATION:

- 4.1 - Bureau Veritas Rules for the Classification of Steel Ships and Offshore Units.
4.2 - Approval valid for ships and offshore units intended to be granted with the following additional class notations:
AUT-UMS, AUT-CCS, AUT-PORT, AUT-IMS and AUTO.
4.3 - Bureau Veritas Environmental Category, **EC Code: 31B**
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 **Weidmüller Interface GmbH & Co. KG** 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 - **Weidmüller Interface GmbH & Co. KG** has to make the necessary arrangements to have its works recognized by Bureau Veritas in compliance with the requirements of NR320 for HBV products.
5.4 - For information, **Weidmüller Interface GmbH & Co. KG** has declared to Bureau Veritas the following production site:

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 16
32758 Detmold, Germany

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 **Weidmüller Interface GmbH & Co. KG** 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° 42273/B0 BV issued on 06 Jul 2021 by the Society.

*** END OF CERTIFICATE ***