



Marine & Offshore

Certificate number: 53746/A0 BV

File number: ACE14/840/10

Product code: 2601D

*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*

**TERMINAL BLOCKS (LOW VOLTAGE)**  
A - Series

### Requirements:

Bureau Veritas Rules for the Classification of Steel Ships

EC Code: 33

IEC 60947-7-1:2009

IEC 60947-7-2:2009

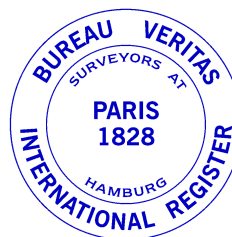
*This certificate is issued to attest that Bureau Veritas Marine & Offshore did undertake the relevant approval procedures for the product identified above which was found to comply with the relevant requirements mentioned above.*

**This certificate will expire on: 18 Jun 2023**

**For Bureau Veritas Marine & Offshore,**

At BV HAMBURG, on 18 Jun 2018,

Dirk Hoepfner



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](http://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 :**

The A - series are spring-cage feed through, supply, test-disconnect, distribution or initiator/actuator terminals.

Type	Rated Cross-Section (mm <sup>2</sup> )	Rated Current (A)	Rated Voltage (V)
A2C 1.5	1.5	17.5	500
A2C 1.5 PE	1.5	-	500
A3C 1.5	1.5	17.5	500
A3C 1.5 PE	1.5	-	500
A4C 1.5	1.5	17.5	500
A4C 1.5 PE	1.5	-	500
A2C 2.5	2.5	24	800
A2C 2.5 PE	2.5	-	800
A3C 2.5	2.5	24	800
A3C 2.5 PE	2.5	-	800
A4C 2.5	2.5	24	800
A4C 2.5 PE	2.5	-	800
A2C 4	4	32	800
A2C 4 PE	4	-	800
A3C 4	4	32	800
A3C 4 PE	4	-	800
A4C 4	4	32	800
A4C 4 PE	4	-	800
A2C 6	6	41	800
A2C 6 PE	6	-	800
A3C 6	6	41	800
A3C 6 PE	6	-	800
ALO 6	6	41	800
A2T 2.5	2.5	24	800
A2T 2.5 FT-PE	2.5	- / 24	800
A2T 2.5 VL	2.5	24	800
A2T 2.5 PE	2.5	-	800
ADT 2.5 2C	2.5	20	500
ADT 2.5 3C	2.5	20	500
ADT 2.5 4C	2.5	20	500
A2C 2.5 /DT/FS	2.5	24	800
A2C 2.5 PE /DT/FS	2.5	-	800
APGTB 2.5 FT 2C/1	2.5	24	800
APGTB 2.5 PE 2C/1	2.5	-	800
APGTB 2.5 2T 4C/2	2.5	24	800
APGTB 2.5 2T FT-PE 4C/2	2.5	- / 24	800
APGTB 2.5 2T PE 4C/2	2.5	-	800
APGTB 2.5 2T VL 4C/2	2.5	24	800
APG 2.5	2.5	24	800
AAP11 6 LO RD / BL	6	41	500
AAP11 6 FE	6	-	500
AAP11 1.5 LI RD / BL	1.5	17.5	500
AAP12 10 LO RD / BL	10	57	800
AAP12 10 FE	10	-	800
AAP12 2.5 LI RD / BL	2.5	24	800
AAP13 6 LO-LO	6	41	250

Type	Rated Cross-Section (mm <sup>2</sup> )	Rated Current (A)	Rated Voltage (V)
AAP13 6 FE-LO	6	41	250
AAP13 1.5 LI-LI	1.5	16	250
AAP14 10 LO-LO	10	57	500
AAP14 10 FE-LO	10	57	500
AAP14 2.5 LI-LI	2.5	24	500
AIO21 1.5 SI	1.5	13.5	250
AIO21 1.5 SO	1.5	13.5	250
AIO21 1.5 SO-PE	1.5	- / 13.5	250
AIO22 1.5 SI-PE	1.5	- / 13.5	250
AIO23 1.5 2SI	1.5	13.5	250

## **2. DOCUMENTS AND DRAWINGS :**

- Data Sheets according catalogue: CAT 1 TERM 16/17 EN

## **3. TEST REPORTS :**

Weidmüller Central Laboratory:

- LAB20479E, LAB20489E, LAB20835E, LAB20837E, LAB20480E, LAB20493E, LAB20383E, LAB20379E, LAB20384E, LAB20381E, LAB20386E, LAB20378E, LAB20508E, LAB20555E, LAB20583E, LAB20570E, LAB20509E, LAB20568E, LAB20393E, LAB20398E, LAB20397E, LAB20403E, LAB20402E, LAB20420E, LAB20419E, LAB20450E, LAB20449E, LAB20454E, LAB20461E, LAB20462E, LAB20593E, LAB20592E, LAB20439E, LAB20440E, LAB20495E, LAB20486E, LAB20484E, LAB20485E, LAB20481E, LAB20529E, LAB20487E, LAB20549E, LAB20505E, LAB20546E, LAB20547E, LAB20476E, LAB20463E, LAB20538E, LAB20582E, LAB20591E, LAB20458E  
- LAB20667E, LAB21272E, LAB20677E

## **4. APPLICATION / LIMITATION :**

4.1 - Bureau Veritas Rules for the Classification of Steel Ships.

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

4.3 - Bureau Veritas Environmental Category, **EC Code: 33.**

4.4 - Using / Connecting instructions given in Weidmüller Interface GmbH & Co. KG documents are to be observed.

## **5. PRODUCTION SURVEY REQUIREMENTS :**

5.1 - The A series is to be supplied by **Weidmüller Interface GmbH & Co. KG** in accordance with the type described in this certificate.

5.2 - This type of product is within the category DBV of Bureau Veritas Rule Note NR320.

## **6. MARKING OF PRODUCT:**

6.1 - Maker's name or trademark.

6.2 - According to IEC 60947 Specification

## **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.

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