



Marine & Offshore

Certificate number: 53746/B0 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 is a renewal of certificate N° 53746/A1 BV expiring on 18/06/2023

This certificate will expire on: 18 Jun 2028

For Bureau Veritas Marine & Offshore,

At BV HAMBURG, on 12 May 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.

The electronic version is available at: <http://www.veristarnb.com/veristarnb/jsp/viewPublicPdfTypepec.jsp?id=0gvktosfg4>

BV Mod. Ad.E 530 June 2017

This certificate consists of 5 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 (mm²)	Rated Current (A), IEC	Rated Voltage (V), IEC
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 ²)	Rated Current (A), IEC	Rated Voltage (V), IEC
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

A3T 2.5	2.5	22	800
A3T 2.5 VL	2.5	24	800
A3T 2.5 PE	2.5	-	800
A3T 2.5 N-FT-PE	2.5	24	800
A3T 2.5 FT-FT-PE	2.5	24	800
AMC 2.5	2.5	22	690
AMC 2.5 800V	2.5	22	800
APGTB 2.5 3C/1	2.5	24	800
APGTB 2.5 PE 3C/1	2.5	-	800
APGTB 2.5 4C/2	2.5	24	800
APGTB 2.5 PE 4C/2	2.5	-	800
AAP21 10 LO RD	10	41	230
AAP21 10 LO BL	10	41	230
AAP21 10 FE	10	-	250
AAP21 4 DT	4	20	250
AAP21 4 LI RD	4	32	250
AAP21 4 LI BL	4	32	250
AAP21 4 FS	4	6.3	250
AAP21 4 FS 10-36V	4	6.3	36
AAP21 4 FS 30-70V	4	6.3	70
AAP21 4 FS 60-150V	4	6.3	150
AAP21 4 FS 100-250V	4	6.3	250
AAP22 10 LO-LO	10	57	250
AAP22 10 FE-LO	10	57	250
AAP22 4 LI-FS	4	6.3	250
AAP22 4 LI-FS 10-36V	4	6.3	36
AAP22 4 LI-FS 30-70V	4	6.3	70
AAP22 4 LI-FS 60-150V	4	6.3	150
AAP22 4 LI-FS 100-250V	4	6.3	250
ADT 4 2C	4	20	400
AFS 4 2C BK	4	6.3	250
AFS 4 2C 10-36V BK	4	6.3	36
AFS 4 2C 30-70V BK	4	6.3	70
AFS 4 2C 60-150V BK	4	6.3	150
AFS 4 2C 100-250V BK	4	6.3	250
A2T 1.5	1.5	16	500
A2T 1.5 FT-PE	1.5	16	500
A2T 1.5 VL	1.5	16	500
A2T 1.5 PE	1.5	-	500

Type	Rated Cross-Section (mm ²)	Rated Current (A), IEC	Rated Voltage (V), IEC
A2C 10	10	57	1000
A2C 10 PE	10	-	1000
A3C 10	10	57	1000
A3C 10 PE	10	-	-
APGTB 1.5 FT 2C/1	1.5	17.5	500
APGTB 1.5 PE 2C/1	1.5	-	500
APGTB 1.5 FT 3C/1	1.5	17.5	500
APGTB 1.5 PE 3C/1	1.5	-	500
APGTB 1.5 FT 4C/2	1.5	17.5	500
APGTB 1.5 PE 4C/2	1.5	-	500
APG 1.5	1.5	17.5	500
APGTB 1.5 2T 4C/2	1.5	17.5	500
APGTB 1.5 2T FT-PE 4C/2	1.5	17.5	500
APGTB 1.5 2T PE 4C/2	1.5	-	500
APGTB 1.5 2T VL 4C/2	1.5	17.5	500
A2C 16	16	76	1000
A2C 16 PE	16	-	1000
A3C 16	16	76	1000
A3C 16 PE	16	-	1000
ALO 16	16	76	800
A2T 2.5 3C	2.5	22	800
A2T 2.5 3C PE	2.5	-	800
A2T 2.5 3C VL	2.5	22	800
A2T 2.5 3C FT-PE	2.5	24	800

2. DOCUMENTS AND DRAWINGS :

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

For A1 version :

- Data Sheets according catalogue status dated 09.11.2018

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

For A1 version :

- LAB20820E, LAB20821E, LAB20822E, LAB20823E, LAB20851E, LAB20852E, LAB20857E, LAB20941E, LAB20959E, LAB20984E, LAB21004E, LAB21005E, LAB21042E, LAB21182E, LAB21285E, LAB21287E, LAB21290E, LAB21295E, LAB21307E, LAB21324E, LAB21373E, LAB21374E, LAB21385E, LAB21386E, LAB21387E, LAB21388E, LAB21389E, LAB21390E, LAB21391E, LAB21392E, LAB21393E, LAB21394E, LAB21592E, LAB21593E, LAB21594E, LAB21597E, LAB21598E, LAB21736E, LAB21737E, LAB21738E, LAB21739E

- LAB21272E, LAB21691E, LAB22016E

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.

7.2 - This certificate supersedes the Type Approval Certificate N° 53746/A1 BV issued on 02 Dec 2019 by the Society.

*** END OF CERTIFICATE ***