



TYPE APPROVAL CERTIFICATE

Certificate No:
TAE00001K3
Revision No:
5

This is to certify:

That the Terminal Block

with type designation(s)
A - Series, TTB - Series

Issued to

Weidmüller Interface GmbH & Co. KG
Detmold, Germany

is found to comply with

DNV rules for classification – Ships, offshore units, and high speed and light craft

Application :

Product(s) approved by this certificate is/are accepted for installation on all vessels classed by DNV.

Issued at **Hamburg** on **2022-02-17**

for **DNV**

This Certificate is valid until **2024-05-21**.

DNV local station: **Essen**

Approval Engineer: **Harald Amberger**

.....
Arne Schaarmann
Head of Section

This Certificate is subject to terms and conditions overleaf. Any significant change in design or construction may render this Certificate invalid.
The validity date relates to the Type Approval Certificate and not to the approval of equipment/systems installed.

LEGAL DISCLAIMER: Unless otherwise stated in the applicable contract with the holder of this document, or following from mandatory law, the liability of DNV AS, its parent companies and their subsidiaries as well as their officers, directors and employees ("DNV") arising from or in connection with the services rendered for the purpose of the issuance of this document or reliance thereon, whether in contract or in tort (including negligence), shall be limited to direct losses and under any circumstance be limited to 300,000 USD.



Form code: TA 251

Revision: 2021-03

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Product description

A2C...	Feed-through/PE terminal, PUSH IN
A3C...	Feed-through/PE terminal, PUSH IN
A4C...	Feed-through/PE terminal, PUSH IN
A2T...	Feed-through/PE terminal, PUSH IN
A3T...	Feed-through/PE terminal, PUSH IN
APGTB...	Pluggable Feed-through/PE terminal, PUSH IN
AAP...	Supply terminal, PUSH IN
ALO...	Supply terminal, PUSH IN
AIO...	Initiator/actuator terminal, PUSH IN
ADT...	Disconnect terminal, PUSH IN
AAP...	Modular distribution terminal, PUSH IN
AMC...	Feed through terminal 4-tier, PUSH IN
AFS...	Fuse terminal, PUSH IN with actuator
ATTB...	Test-disconnect terminal, PUSH IN
WTTB...	Test-disconnect terminal, Screw connection
HTTB...	Test-disconnect terminal, Hybrid connection
AITB...	Installation terminal, PUSH IN
AS.C...	Feed-through/PE terminal, SNAP IN
AAC...	Additional connection, PUSH IN
APG...	Plug

Type designation	Cross-section	Rated current	Rated voltage
A2C 1.5	1,5mm ²	17,5A	500V
A2C 1.5 PE	1,5mm ²		
A3C 1.5	1,5mm ²	17,5A	500V
A3C 1.5 PE	1,5mm ²		
A4C 1.5	1,5mm ²	17,5A	500V
A4C 1.5 PE	1,5mm ²		
A2C 2.5	2,5mm ²	24,0A	800V
A2C 2.5 PE	2,5mm ²		
A3C 2.5	2,5mm ²	24,0A	800V
A3C 2.5 PE	2,5mm ²		
A4C 2.5	2,5mm ²	24,0A	800V
A4C 2.5 PE	2,5mm ²		
A2C 4	4,0mm ²	32,0A	800V
A2C 4 PE	4,0mm ²		
A3C 4	4,0mm ²	32,0A	800V
A3C 4 PE	4,0mm ²		
A4C 4	4,0mm ²	32,0A	800V
A4C 4 PE	4,0mm ²		
A2C 6	6,0mm ²	41,0A	800V
A2C 6 PE	6,0mm ²		
A3C 6	6,0mm ²	41,0A	800V
A3C 6 PE	6,0mm ²		
ALO 6	6,0mm ²	41,0A	800V
A2C 10	10,0mm ²	57,0A	1000V
A2C 10 PE	10,0mm ²		
A3C 10	10,0mm ²	57,0A	1000V
A3C 10 PE	10,0mm ²		
A2C 16	16,0mm ²	76,0A	1000V
A2C 16 PE	16,0mm ²		
A3C 16	16,0mm ²	76,0A	1000V
A3C 16 PE	16,0mm ²		
ALO 16	16,0mm ²	76,0A	800V

Type designation	Cross-section	Rated current	Rated voltage
A2C 35	35,0mm ²	125A	1000V
A2C 35	35,0mm ²	125A	1000V
A2C 35 PE	35,0mm ²		
AAC 35 2x6	6,0mm ²	42,0A	1000V
A2C 50/70	50,0mm ²	150A	1000V
A2C 50/70 PE	50,0mm ²		
A2C 50/70 3FT-N-PE	50,0mm ²	150A	1000V
A2C 50/70 3FT-N	50,0mm ²	150A	1000V
A2C 50/70 3FT-PE	50,0mm ²	150A	1000V
A2C 50/70 3FT	50,0mm ²	150A	1000V
A2C 50/70-DM	50,0mm ²	150A	1000V
A2C 50/70 3FT-N-DM	50,0mm ²	150A	1000V
A2C 50/70 3FT-DM	50,0mm ²	150A	1000V
AAC 50-185 2x10	10,0mm ²	57,0A	1000V
A2C 95/120	95,0mm ²	232A	1000V
A2C 95/120 PE	95,0mm ²		
A2C 95/120 3FT-N	95,0mm ²	232A	1000V
A2C 95/120 3FT	95,0mm ²	232A	1000V
A2C 95/120-DM	95,0mm ²	232A	1000V
A2C 95/120 3FT-N-DM	95,0mm ²	232A	1000V
A2C 95/120 3FT-DM	95,0mm ²	232A	1000V
A2T 1.5	1,5mm ²	16,0A	500V
A2T 1.5 FT-PE	1,5mm ²	17,5A	500V
A2T 1.5 VL	1,5mm ²	17,5A	500V
A2T 1.5 PE	1,5mm ²		
A2T 2.5	2,5mm ²	24,0A	800V
A2T 2.5 FT-PE	2,5mm ²	24,0A	800V
A2T 2.5 VL	2,5mm ²	24,0A	800V
A2T 2.5 PE	2,5mm ²		
A2T 2.5 3C	2,5mm ²	22,0A	800V
A2T 2.5 3C FT-PE	2,5mm ²	22,0A	800V
A2T 2.5 3C VL	2,5mm ²	22,0A	800V
A2T 2.5 3C PE	2,5mm ²		
A2T 4	4,0mm ²	32,0A	800V
A2T 4 FT-PE	4,0mm ²	32,0A	800V
A2T 4 VL	4,0mm ²	32,0A	800V
A2T 4 PE	4,0mm ²		
A3T 2.5	2,5mm ²	22,0A	800V
A3T 2.5 PE	2,5mm ²		
A3T 2.5 FT-FT-PE	2,5mm ²	24,0A	800V
A3T 2.5 N-FT-PE	2,5mm ²	24,0A	800V
A3T 2.5 VL	2,5mm ²	24,0A	800V
ADT 2.5 2C	2,5mm ²	20,0A	400V
ADT 2.5 3C	2,5mm ²	20,0A	400V
ADT 2.5 4C	2,5mm ²	20,0A	400V
ADT 4 2C	4,0mm ²	24,0A	500V
A2C 2.5 /DT/FS	2,5mm ²	24,0A	800V
A2C 2.5 PE /DT/FS	2,5mm ²	24,0A	800V

Type designation	Cross-section	Rated current	Rated voltage
APGTB 1.5 FT 2C/1	1,5mm ²	17,5A	500V
APGTB 1.5 PE 2C/1	1,5mm ²		
APGTB 1.5 FT 3C/1	1,5mm ²	17,5A	500V
APGTB 1.5 PE 3C/1	1,5mm ²		
APGTB 1.5 FT 4C/2	1,5mm ²	17,5A	500V
APGTB 1.5 PE 4C/2	1,5mm ²		
APGTB 1.5 2T 4C/2	1,5mm ²	17,5A	500V
APGTB 1.5 2T FT-PE 4C/2	1,5mm ²	17,5A	500V
APGTB 1.5 2T PE 4C/2	1,5mm ²		
APGTB 1.5 2T VL 4C/2	1,5mm ²	17,5A	500V
APGTB 2.5 FT 2C/1	2,5mm ²	24,0A	800V
APGTB 2.5 PE 2C/1	2,5mm ²	4,0A	800V
APGTB 2.5 2T 4C/2	2,5mm ²	24,0A	800V
APGTB 2.5 2T FT-PE 4C/2	2,5mm ²	24,0A	800V
APGTB 2.5 2T PE 4C/2	2,5mm ²	24,0A	800V
APGTB 2.5 2T VL 4C/2	2,5mm ²	24,0A	800V
APGTB 2.5 FT 3C/1	2,5mm ²	20,0A	800V
APGTB 2.5 PE 3C/1	2,5mm ²		
APGTB 2.5 FT 4C/2	2,5mm ²	24,0A	800V
APGTB 2.5 PE 4C/2	2,5mm ²		
APG 2.5	2,5mm ²	24,0A	800V
APGTB 4 FT 2C/1	4,0mm ²	32,0A	800V
APGTB 4 PE 2C/1	4,0mm ²		
APGTB 4 FT 3C/1	4,0mm ²	32,0A	800V
APGTB 4 PE 3C/1	4,0mm ²		
APGTB 4 FT 4C/2	4,0mm ²	32,0A	800V
APGTB 4 PE 4C/2	4,0mm ²		
APGTB 4 2T 4C/2	4,0mm ²	32,0A	800V
APGTB 4 2T FT-PE 4C/2	4,0mm ²	32,0A	800V
APGTB 4 2T PE 4C/2	4,0mm ²		
APGTB 4 2T VL 4C/2	4,0mm ²	32,0A	800V
AAP11 6 LO RD	6,0mm ²	41,0A	500V
AAP11 6 LO BL	6,0mm ²	41,0A	500V
AAP11 6 FE	6,0mm ²		
AAP11 1.5 LI RD	1,5mm ²	17,5A	500V
AAP11 1.5 LI BL	1,5mm ²	17,5A	500V
AAP12 10 LO RD	10,0mm ²	57,0A	800V
AAP12 10 LO BL	10,0mm ²	57,0A	800V
AAP12 10 FE	10,0mm ²		
AAP12 2.5 LI RD	2,5mm ²	24,0A	800V
AAP12 2.5 LI BL	2,5mm ²	24,0A	800V
AAP13 6 LO-LO	6,0mm ²	41,0A	250V
AAP13 6 FE-LO	6,0mm ²	41,0A	250V
AAP13 1.5 LI-LI	1,5mm ²	16,0A	250V
AAP14 10 LO-LO	10,0mm ²	57A	500V
AAP14 10 FE-LO	10,0mm ²	57A	500V
AAP14 2.5 LI-LI	2,5mm ²	24,0A	500V
AAP21 10 LO RD	10,0mm ²	57,0A	250V
AAP21 10 LO BL	10,0mm ²	57,0A	250V
AAP21 10 FE	10,0mm ²		
AAP21 4 LI RD	4,0mm ²	32,0A	250V
AAP21 4 LI BL	4,0mm ²	32,0A	250V
AAP21 4 FS	4,0mm ²	6,3A	250V
AAP21 4 FS 10-36V	4,0mm ²	6,3A	36V
AAP21 4 FS 30-70V	4,0mm ²	6,3A	70V
AAP21 4 FS 60-150V	4,0mm ²	6,3A	150V
AAP21 4 FS 100-250V	4,0mm ²	6,3A	250V
AAP21 4 DT	4,0mm ²	20,0A	

Type designation	Cross-section	Rated current	Rated voltage
AAP22 10 LO-LO	10,0mm ²	57,0A	250V
AAP22 10 FE-LO	10,0mm ²	17,0A	250V
AAP22 4 LI-FS	4,0mm ²	6,3A	250V
AAP22 4 LI-FS 10-36V	4,0mm ²	6,3A	36V
AAP22 4 LI-FS 30-70V	4,0mm ²	6,3A	70V
AAP22 4 LI-FS 60-150V	4,0mm ²	6,3A	150V
AAP22 4 LI-FS 100-250V	4,0mm ²	6,3A	250V
AIO21 1.5 SI	1,5mm ²	13,5A	250V
AIO21 1.5 SO	1,5mm ²	13,5A	250V
AIO21 1.5 SO-PE	1,5mm ²	13,5A	250V
AIO22 1.5 SI-PE	1,5mm ²	13,5A	250V
AIO23 1.5 2SI	1,5mm ²	13,5A	250V
AMC 2,5	2,5mm ²	22,0A	690V
AMC 2,5 800V	2,5mm ²	22,0A	800V
AFS 2.5 CF 2C BK	2,5mm ²	10,0A	250V
AFS 2.5 CF 2C 12V BK	2,5mm ²	10,0A	12V
AFS 2.5 CF 2C 24V BK	2,5mm ²	10,0A	24V
AFS 4 2C BK	4,0mm ²	6,3A	250V
AFS 4 2C 10-36V BK	4,0mm ²	6,3A	36V
AFS 4 2C 30-70V BK	4,0mm ²	6,3A	70V
AFS 4 2C 60-150V BK	4,0mm ²	6,3A	150V
AFS 4 2C 100-250V BK	4,0mm ²	6,3A	250V
ATTB 6	6,0mm ²	30,0A	500V
ATTB 6 LTGY	6,0mm ²	30,0A	500V
ATTB 6 PE	6,0mm ²	30,0A	500V
ATTB 6 DL	6,0mm ²	30,0A	500V
ATTB 6 PE DL	6,0mm ²	30,0A	500V
WTTB 6	6,0mm ²	30,0A	500V
WTTB 6 LTGY	6,0mm ²	30,0A	500V
WTTB 6 PE	6,0mm ²	30,0A	500V
WTTB 6 DL	6,0mm ²	30,0A	500V
WTTB 6 PE DL	6,0mm ²	30,0A	500V
HTTB 6	6,0mm ²	30,0A	500V
HTTB 6 PE	6,0mm ²	30,0A	500V
HTTB 6 DL	6,0mm ²	30,0A	500V
HTTB 6 PE DL	6,0mm ²	30,0A	500V
AITB 2.5 LDT-L	2,5mm ²	21,0A	400V
AITB 2.5 LDT-L W/O DTLV	2,5mm ²	21,0A	400V
AITB 2.5 L-L	2,5mm ²	23,0A	400V
AITB 2.5 L-L-PE	2,5mm ²	23,0A	250V
AITB 2.5 N-L-PE	2,5mm ²	23,0A	250V
AITB 2.5 NDT-L-PE	2,5mm ²	21,0A	250V
AITB 2.5 LDT-L-PE	2,5mm ²	21,0A	250V
AITB 2.5 LDT-L-PE W/O DTLV	2,5mm ²	21,0A	250V
AS2C 2.5	2,5mm ²	24,0A	800V
AS3C 2.5	2,5mm ²	24,0A	800V
AS4C 2.5	2,5mm ²	24,0A	800V
AS2C 2.5 PE	2,5mm ²	24,0A	800V
AS3C 2.5 PE	2,5mm ²	24,0A	800V
AS4C 2.5 PE	2,5mm ²	24,0A	800V

Application/Limitation

Location Classes:

Temperature: C, Humidity: A, Vibration: B

Operating instruction of the manufacturer to be observed

Type Approval documentation

Overview test reports 2016-12-08, 2018-02-22, 2019-05-14, 2020-01-23, 2021-10-28

Tests carried out

IEC 60947-7-1:2009-04, IEC 60947-7-2:2009-04, Cold, dry heat, damp heat, vibration, flame retardancy

Marking of product

Weidmüller – Type designation – Main data

All type designation may be followed by suffix such as color or packing options or number of poles

Periodical assessment

The scope of the periodical assessment is to verify that the conditions stipulated for the Type approval are complied with and that no alterations are made to the product design or choice of materials.

The main elements of the assessment are:

- Inspection on factory samples, selected at random from the production line (where practicable)
- Results from Routine Tests (RT) checked (if not available tests according to RT to be carried out)
- Review of type approval documentation
- Review of possible change in design, materials and performance
- Ensuring traceability between manufacturer's product type marking and Type Approval Certificate.

Periodical assessment is to be performed after 2 years and after 3.5 years. A renewal assessment will be performed at renewal of the certificate.

END OF CERTIFICATE