1 **UNITED KINGDOM CONFORMITY ASSESSMENT**

TYPE EXAMINATION CERTIFICATE

2 **Product or Protective System Intended for use in Potentially Explosive Atmospheres**

UKSI 2016:1107 (as amended) – Schedule 3A, Part 1

3 Type Examination Certificate No.: **TÜV 21 UKEX 7070 U** Issue: **00**

4 Product: **Terminals A-Series, type fuse terminal blocks**

5 Manufacturer: **Weidmüller Interface GmbH & Co. KG**

6 Address: **Klingenbergstraße 26**
32758 Detmold, Germany

7 This product and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.

8 TUV Rheinland UK Ltd, Approved Body number 2571, in accordance with Regulation 42 of the Equipment and Protective Systems Intended for Use in Potentially Explosive Atmospheres Regulations 2016, UKSI 2016:1107 (as amended), certifies that this product has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of products intended for use in potentially explosive atmospheres given in Schedule 1 of the Regulations.

The examination and test results are recorded in the confidential report 557 / UKEx 7070.00 / 21.

9 Compliance with the Essential Health and Safety Requirements has been assured by compliance with:

EN IEC 60079-0: 2018 **EN IEC 60079-7:2015 / A1: 2018**

Except in respect of those requirements listed at section 18 of the schedule to this certificate.

10 The sign "U" is placed after the certificate number. It indicates that this certificate must not be mistaken for a certificate intended for an equipment or protective system. This partial certification may be used as the basis for certification of an equipment or protective system.

11 This TYPE EXAMINATION CERTIFICATE relates only to the design and construction of the specified product. Further requirements of the Regulations apply to the manufacturing process and supply of this product. These are not covered by this certificate.

12 The marking of this product shall include the following:

II 3 G Ex ec IIC Gc

This certificate and its schedules may only be reproduced in its entirety and without change.

TUV Rheinland UK Ltd

Solihull, 2022-11-04

Dipl.-Ing. Klauspeter Graffi

This Type Examination Certificate without signature shall not be valid. Alterations are subject to approval by TUV Rheinland UK Ltd, 1011 Stratford Road, Shirley, Solihull, B90 4BN, Tel. +44 (0) 121 7969400
A UKAS accredited certification body

www.tuv.com

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Precisely Right.

13 SCHEDULE TO UK TYPE EXAMINATION CERTIFICATE

14 CERTIFICATE NUMBER TÜV 21 UKEX 7070 U

15 Description of Product

Terminals A-Series, type fuse terminal blocks

General product information

The fuse terminal blocks of the A- series is for the connection of copper conductors in enclosures. The type of protection is increased safety, "e" - Level of Protection "ec" (EPL "Gc").

The certificate covers the types

AFS 4 2C **
AFS 4 2C 10-36V **
AFS 4 2C LED 30-70V **
AFS 4 2C LED 60-150V **
AFS 4 2C LED 100-250V **
AAP21 4 FS*
AAP21 4 FS 10-36V*
AAP21 4 FS 30-70V*
AAP21 4 FS 60-150V*
AAP21 4 FS 100-250V*
AAP22 4 LI-FS*
AAP22 4 LI-FS 10-36V*
AAP22 4 LI-FS 30-70V*
AAP22 4 LI-FS 60-150V*
AAP22 4 LI-FS 100-250V*
A2T 4 FS-FT **
A2T 4 FS-FT-PE

where * is not Ex relevant

Optional accessories:

End plate:	AEP*
End bracket:	AEB 35 SC/1
Terminal rail:	TS 35/... acc.to DIN EN 60715
Cross connection pluggable:	ZQV *N/**

Technical Data

Operating temperature range: -60°C...+130°C (insulating material limit)
All other technical data can be seen in the referenced Notice to Installers

16 Test report No. (associated with this certificate issue): 557 / UKEx 7070.00 / 21

17 Specific Conditions of Use

1. The terminal blocks shall be placed inside a suitable IECEx/ATEX certified IP54 enclosure for gas atmosphere. For dust atmosphere the terminal blocks shall be mounted inside a suitable IECEx/ATEX certified 't' enclosure (IEC/EN60079-31).
2. The enclosure shall be constructed to block all sun and UV light from affecting the terminal blocks.
3. A thermal assessment for the classification into the temperature classes T6.....T1 shall be performed. No part of terminal block must exceed 130 °C under any condition.

4. For cross connection accessories the current ratings and the resistances across the terminals have to be considered. Please refer to the table within the "Notice to Installers".
5. Manually cut jumper and jumpers with blank ends shall not be used.
6. The insulation material of the conductors shall meet the temperature requirements.
7. In combination with other terminal block series and sizes and if other accessories are used, the applicable creepage and clearance distances shall be met.
8. The fuse holder shall be fully closed all times. Do not remove or replace the fuse when energized.

18 Essential Health and Safety Requirements (Regulations Schedule 1)

In addition to the Essential Health and Safety Requirements covered by the standards listed at item 9, all other requirements are demonstrated in the relevant reports.

19 Drawings and Documents

Reg. no.	Document title:	Document no.:	Rev.:	Date:
1.	Compliance drawings pack	Multiple drawings	0	10.2022
2.	UK DoC	draft		