



# IECEx Certificate of Conformity

## INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification System for Explosive Atmospheres

for rules and details of the IECEx Scheme visit [www.iecex.com](http://www.iecex.com)

### Ex COMPONENT CERTIFICATE

Certificate No.: **IECEx TUR 17.0029U**

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Status: **Current**

Issue No: 2

Date of Issue: 2025-12-02

Applicant: **Weidmüller Interface GmbH & Co. KG**  
Klingenbergsstrasse 26  
Detmold 32758  
Germany

Ex Component: Terminals A-Series, type distribution terminals AAP \*\* (for zone 2)

*This component is NOT intended to be used alone and requires additional consideration when incorporated into other equipment or systems for use in explosive atmospheres (refer to IEC 60079-0).*

Type of Protection: **Ex ec**

Marking: **Ex ec IIC Gc**

Approved for issue on behalf of the IECEx  
Certification Body:

**Christian Mehrhoff**

Position:

**Assigned certifier**

Signature:  
(for printed version)

Date:  
(for printed version)

  
2025-12-02

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Certificate issued by:

**TÜV Rheinland Industrie Service GmbH**  
Am Grauen Stein  
51105 Cologne  
Germany





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Manufacturer: **Weidmüller Interface GmbH & Co. KG**  
Klingenbergsstrasse 26  
Detmold 32758  
**Germany**

Manufacturing locations: **S.C. Weidmüller Interface România**  
**S.R.L.**  
Strada 66, Nr. 8  
Tautii Magheraus 437345  
**Romania**

This certificate is issued as verification that a sample(s), representative of production, was assessed and tested and found to comply with the IEC Standard list below and that the manufacturer's quality system, relating to the Ex products covered by this certificate, was assessed and found to comply with the IECEx Quality system requirements. This certificate is granted subject to the conditions as set out in IECEx Scheme Rules, IECEx 02 and Operational Documents as amended

## STANDARDS :

The component and any acceptable variations to it specified in the schedule of this certificate and the identified documents, was found to comply with the following standards

**IEC 60079-0:2017** Explosive atmospheres - Part 0: Equipment - General requirements  
Edition:7.0

**IEC 60079-7:2017** Explosive atmospheres - Part 7: Equipment protection by increased safety "e"  
Edition:5.1

This Certificate **does not** indicate compliance with safety and performance requirements other than those expressly included in the Standards listed above.

## TEST & ASSESSMENT REPORTS:

A sample(s) of the component listed has successfully met the examination and test requirements as recorded in:

Test Report:

[DE/TUR/ExTR17.0029/01](#)

Quality Assessment Reports:

[NL/DEK/QAR12.0052/10](#)

[NL/DEK/QAR13.0041/06](#)



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## **Ex Component(s) covered by this certificate is described below:**

The distribution terminal blocks are 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

AAP21 10 LO \*\*, AAP21 10 FE\*, AAP21 4 LI \*\*, AAP22 10 LO-LO\*, AAP22 10 FE-LO\*

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: -60°C....+130°C

See manufacturer's installation instructions of each single terminal type for details.

## **SCHEDULE OF LIMITATIONS:**

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).

The enclosure shall be constructed to block all sun and UV light from affecting the terminal blocks.

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.

For cross connection accessories the current ratings and the resistances across the terminals have to be considered. Please refer to the table under "types & electrical rating" above.

Manually cut jumper and jumpers with blank ends shall not be used.

The insulation material of the conductors shall meet the temperature requirements

In combination with other terminal block series and sizes and if other accessories are used, the applicable creepage and clearance distances shall be met.



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## DETAILS OF CERTIFICATE CHANGES (for issues 1 and above)

change / correction of manufacturer locations