

# CERTIFICATE

Issued to:  
Applicant:  
**Weidmüller Interface GmbH & Co. KG**  
**Klingenbergstrasse 16**  
**32758 Detmold, Germany**

Manufacturer/Licensee:  
**Weidmüller Interface GmbH & Co. KG**  
**Klingenbergstrasse 16**  
**32758 Detmold, Germany**

Product : terminal block for copper conductors  
Trade name(s) : WEIDMÜLLER  
Type(s)/model(s) : AKZ 1.5, AKZ 2.5 and AKZ 4

The product and any acceptable variation thereto is specified in the Annex to this certificate and the documents therein referred to.

DEKRA hereby declares that the above-mentioned product has been certified on the basis of:

- a type test according to the standard EN 60947-7-1:2009
- an inspection of the production location according to CENELEC Operational Document CIG 021
- a certification agreement with the number 900119

DEKRA hereby grants the right to use the KEMA-KEUR certification mark.

The KEMA-KEUR certification mark may be applied to the product as specified in this certificate for the duration of the KEMA-KEUR certification agreement and under the conditions of the KEMA-KEUR certification agreement.


This certificate is issued on 9 May 2017 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 71-100045

DEKRA Certification B.V.



drs. G.J. Zoetbrood  
Managing Director



Henk Barends  
Certification Manager

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**SPECIFICATION OF THE CERTIFIED PRODUCT****Product data**

Product	: terminal block for copper conductors
Trade name(s)	: WEIDMÜLLER
Type(s)/model(s)	: AKZ 1.5, AKZ 2.5 and AKZ 4
Material	: thermoplastic material, PA 66
Description	: terminal block with screw-type clamping units, 1-pole, with 2 clamping units per pole.

**Product data – type AKZ 1.5**

Rated insulation voltage	: 250 V
Rated impulse withstand voltage	: 4 kV
Conventional free air thermal current	: 17,5 A
Rated cross-section	: 1,5 mm <sup>2</sup>
Rated connecting capacity	: 0,5 mm <sup>2</sup> - 2,5 mm <sup>2</sup> rigid 0,5 mm <sup>2</sup> - 1,5 mm <sup>2</sup> flexible
Torque clamping unit	: 0,4 Nm - 0,6 Nm
Method of mounting	: top hat rail 15 mm

**Product data – type AKZ 2.5**

Rated insulation voltage	: 250 V
Rated impulse withstand voltage	: 4 kV
Conventional free air thermal current	: 24 A
Rated cross-section	: 2,5 mm <sup>2</sup>
Rated connecting capacity	: 0,5 mm <sup>2</sup> - 4 mm <sup>2</sup> rigid 0,5 mm <sup>2</sup> - 2,5 mm <sup>2</sup> flexible
Torque clamping unit	: 0,4 Nm - 0,6 Nm
Method of mounting	: top hat rail 15 mm

**Product data – type AKZ 4**

Rated insulation voltage	: 400 V
Rated impulse withstand voltage	: 6 kV
Conventional free air thermal current	: 32 A
Rated cross-section	: 4 mm <sup>2</sup>
Rated connecting capacity	: 0,5 mm <sup>2</sup> - 6 mm <sup>2</sup> rigid 0,5 mm <sup>2</sup> - 4 mm <sup>2</sup> flexible
Torque clamping unit	: 0,6 Nm - 0,8 Nm
Method of mounting	: top hat rail 15 mm

**TESTS****Test requirements**

EN 60947-7-1:2009

**Test result**

The test results are laid down in DEKRA test file 219930100.

**Additional Information**

This certificate replaces certificate 2151158.04 (AKZ 4) issued on 13 April 2012.

**Conclusion**

The examination proved that all requirements were met.

**Factory location**

Weidmüller Interface GmbH & Co. KG  
Klingenbergstrasse 16  
32758 Detmold, Germany