

# CERTIFICATE

DEKRA

Issued to:

Applicant:

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

Licensee:

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

Product : Terminal block for copper conductors  
Trade name(s) : Weidmüller  
Type(s)/model(s) : AIO21 1.5 SI, AIO21 1.5 SO, AIO21 1.5 SO-PE, AIO22 1.5 SI-PE and  
AIO23 1.5 2SI

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 and EN 60947-7-2:2009
- an inspection of the production location according to CENELEC Operational Document CIG 021
- a certification agreement with the number 900119

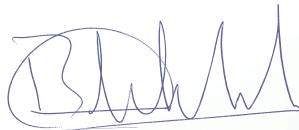
DEKRA hereby grants the right to use the KEMA-KEUR certification mark.

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 29 April 2019 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 71-100073

DEKRA Certification B.V.



B.T.M. Holtus  
Managing Director



R Zhou  
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)	: AIO21 1.5 SI, AIO21 1.5 SO, AIO21 1.5 SO-PE, AIO22 1.5 SI-PE and AIO23 1.5 2SI
Rated insulation voltage	: 250 V
Rated impulse withstand voltage	: 4 kV
Rated cross-section	: 1,5 mm <sup>2</sup>
Rated connecting capacity	: 0,5 mm <sup>2</sup> - 1,5 mm <sup>2</sup> rigid or flexible
Method of mounting	: top hat rail 35 mm
Material	: Wemid

**Product data – type AIO21 1.5 SI**

Conventional free air thermal current	: 16 A (feed-in level) 15 A (signal level)
Description	: terminal block with screwless-type clamping units, 2-poles, with 1 clamping unit per pole, to be used in combination with cross-bridge to adjacent terminal block (feed-in level) and 1-pole, with 2 clamping units per pole (signal level)

**Product data – type AIO21 1.5 SO**

Conventional free air thermal current	: 16 A (feed-in level) 16 A (signal level)
Description	: terminal block with screwless-type clamping units, 1-pole, with 1 clamping unit per pole, to be used in combination with cross-bridge to adjacent terminal block (feed-in level) and 1-pole, with 2 clamping units per pole (signal level)

**Product data – type AIO21 1.5 SO-PE**

Conventional free air thermal current	: 16 A (feed-in level) 16 A (signal level)
Description	: terminal block with screwless-type clamping units, 1-pole, with 1 clamping unit per pole, to be used in combination with cross-bridge to adjacent terminal block (feed-in level) and 1-pole connected to earth rail, with 1 clamping unit per pole (PE level) and 1-pole, with 2 clamping units per pole (signal level)

**Product data – type AIO22 1.5 SI-PE**

Conventional free air thermal current	: 15 A (feed-in level) 16 A (signal level)
Description	: terminal block with screwless-type clamping units, 2-poles, with 1 clamping unit per pole, to be used in combination with cross-bridge to adjacent terminal block (feed-in level) and 1-pole connected to earth rail, with 1 clamping unit per pole (PE level) and 1-pole, with 2 clamping units per pole (signal level)

**Product data – type AIO23 1.5 2SI**

Conventional free air thermal current : 16 A (feed-in level)  
15 A (signal level)

Description : terminal block with screwless-type clamping units,  
2-poles, with 1 clamping unit per pole, to be used in  
combination  
with cross-bridge to adjacent terminal block (feed-in level) and  
2-poles, with 2 clamping units per pole (signal level)

**TESTS****Test requirements**

EN 60947-7-1:2009

EN 60947-7-2:2009

**Test result**

The test results are laid down in DEKRA test file 219845700.

**Conclusion**

The examination proved that all requirements were met.

**Factory location**

Weidmüller Interface GmbH &amp; Co. KG

Klingenbergrstrasse 16

32758 Detmold, Germany