

CERTIFICATE



Issued to:

Applicant:

Weidmüller Interface GmbH & Co. KG
Klingenbergsstrasse 16 / 26
32758 Detmold, Germany

Licensee:

Weidmüller Interface GmbH & Co. KG
Klingenbergsstrasse 16 / 26
32758 Detmold, Germany

Product : Terminal block for copper conductors
Trade name(s) : Weidmüller
Type(s)/model(s) : AL2C 2.5, AL2C 2.5 PE, AL3C 2.5, AL3C 2.5 PE, AL4C 2.5 and AL4C 2.5 PE

The product and any acceptable variation thereto as 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 EN 60947-7-1:2009 and EN 60947-7-2:2009
- an inspection of the factory location according to CENELEC Operational Document CIG 021
- a DEKRA 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 and under the conditions of the KEMA-KEUR certification agreement.

This certificate is issued on 26 April 2023 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 71-128233

DEKRA Certification B.V.

B.T.M. Holtus
Managing Director

H.R.M. Barends
Certification Manager

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DUTCH ACCREDITATION
COUNCIL



SPECIFICATION OF THE CERTIFIED PRODUCT**Product data**

Product	: Terminal block for copper conductors
Trade name(s)	: Weidmüller
Type(s)/model(s)	: AL2C 2.5, AL2C 2.5 PE, AL3C 2.5, AL3C 2.5 PE, AL4C 2.5 and AL4C 2.5 PE
Rated cross section	: 2,5 mm ²
Rated connecting capacity	: 0,5 mm ² - 4 mm ² , rigid or flexible
Method of fixing	: Top hat rail 35 mm
Description	: Terminal block with screwless-type clamping units

Product data – type AL2C 2.5

Rated insulation voltage	: 800 V
Conventional free air thermal current	: 24 A
Rated impulse withstand voltage	: 8 kV
Description	: 1-pole with 2 clamping units per pole

Product data – type AL2C 2.5 PE

Function	: PE
Description	: Protective conductor terminal block 1-pole with 2 clamping units per pole

Product data – type AL3C 2.5

Rated insulation voltage	: 800 V
Conventional free air thermal current	: 24 A
Rated impulse withstand voltage	: 8 kV
Description	: 1-pole with 3 clamping units per pole

Product data – type AL3C 2.5 PE

Function	: PE
Description	: Protective conductor terminal block 1-pole with 3 clamping units per pole

Product data – type AL4C 2.5

Rated insulation voltage	: 800 V
Conventional free air thermal current	: 24 A
Rated impulse withstand voltage	: 8 kV
Description	: 1-pole with 4 clamping units per pole

Product data – type AL4C 2.5 PE

Function	: PE
Description	: Protective conductor terminal block 1-pole with 4 clamping units per pole

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 227218200.

Conclusion

The examination proved that all requirements were met.

Factory locations

Weidmüller Interface GmbH & Co. KG
Klingenbergrasse 16 / 26
32758 Detmold, Germany

Weidmüller Interface (Suzhou) Co. Ltd.
No. 58 Shilin Road
215151 Suzhou Jiangsu, China



Ref. Certif. No.

NL-87642

IEC SYSTEM FOR MUTUAL RECOGNITION OF TEST CERTIFICATES FOR ELECTRICAL EQUIPMENT (IECEE) CB SCHEME

CB TEST CERTIFICATE

Product

Terminal block for copper conductors

Name and address of the applicant

Weidmüller Interface GmbH & Co. KG
Klingenbergrasse 16 / 26, 32758 Detmold
Germany

Name and address of the manufacturer

Weidmüller Interface GmbH & Co. KG
Klingenbergrasse 16 / 26, 32758 Detmold
Germany

Name and address of the factory

Weidmüller Interface GmbH & Co. KG
Klingenbergrasse 16 / 26, 32758 Detmold
Germany Additional information on page 2

Ratings and principal characteristics

Types AL2C 2.5, AL3C 2.5, AL4C 2.5
Screwless-type
Rated cross-section 2,5 mm²
Ui 800 V, Uimp 8 kV, Ith 24 ATypes AL2C 2.5 PE, AL3C 2.5 PE, AL4C 2.5 PE
Screwless-type
Rated cross-section 2,5 mm²

Trademark / Brand (if any)

Weidmüller

Customer's Testing Facility (CTF) Stage used

CTF Stage 2

Model / Type Ref.

AL2C 2.5, AL3C 2.5, AL4C 2.5
AL2C 2.5 PE, AL3C 2.5 PE, AL4C 2.5 PE

Additional information (if necessary may also be reported on page 2)

Types AL2C 2.5, AL3C 2.5 and AL4C 2.5 are terminal blocks for copper conductors
Types AL2C 2.5 PE, AL3C 2.5 PE and AL4C 2.5 PE are protective conductor terminal blocks for copper conductors Additional information on page 2

A sample of the product was tested and found to be in conformity with

IEC 60947-7-1:2009, IEC 60947-7-2:2009

As shown in the Test Report Ref. No. which forms part of this Certificate

2272182.50 and 2272182.51

This CB Test Certificate is issued by the National Certification Body

DEKRA Certification B.V.
Meander 1051
Arnhem, 6825 MJ
Netherlands

Date: 2023-04-13

Signature: H.R.M. Barends





Ref. Certif. No.

NL-87642

Additional factory

Weidmüller Interface (Suzhou) Co. Ltd.
No. 58 Shilin Road
215151 Suzhou Jiangsu
China

This CB Test Certificate is issued by the National Certification Body

DEKRA Certification B.V.
Meander 1051
Arnhem, 6825 MJ
Netherlands

Date: 2023-04-13

Signature: H.R.M. Barends

 **DEKRA**
