

CERTIFICATE

Issued to:
Applicant:
Weidmüller Interface GmbH & Co. KG
Klingenbergstrasse 16 / 26
32758 Detmold, Germany

Licensee:
Weidmüller Interface GmbH & Co. KG
Klingenbergstrasse 16 / 26
32758 Detmold, Germany

Product : terminal block for copper conductors
Trade name(s) : Weidmüller
Type(s)/model(s) : WDU 1,5/ZZ, WDU 1,5/R3.5, WDU 10, WDU 120/150, WDU 16, WDU 2.5,
WDU 240, WDU 35, WDU 35IK, WDU 4, WDU 50N, WDU 6 and WDU 70/95

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
- an inspection of the factory location according to CENELEC Operational Document CIG 021
- a DEKRA certification agreement with the number 900119

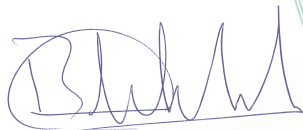
DEKRA hereby grants the right to use the KEMA-KEUR certification mark.

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 13 July 2023 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 71-129486

DEKRA Certification B.V.



B.T.M. Holtus
Managing Director



H.R.M. 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)	: WDU 1,5/ZZ, WDU 1.5/R3.5, WDU 10, WDU 120/150, WDU 16, WDU 2.5, WDU 240, WDU 35, WDU 35IK, WDU 4, WDU 50N, WDU 6 and WDU 70/95
Material	: PA 66
Description	: terminal block with screw-type clamping units

Product data – type WDU 1,5/ZZ

Rated insulation voltage	: 800 V
Rated impulse withstand voltage	: 8 kV
Conventional free air thermal current	: 17,5 A
Rated cross-section	: 1,5 mm ²
Rated connecting capacity	: 0,5 mm ² - 2,5 mm ² rigid 0,5 mm ² - 1,5 mm ² flexible
Torque clamping unit	: 0,4 Nm - 0,6 Nm
Method of mounting	: top hat rail 35 mm
Description	: 1-pole, with 4 clamping units per pole

Product data – type WDU 1.5/R3.5

Rated insulation voltage	: 400 V
Rated impulse withstand voltage	: 4 kV
Conventional free air thermal current	: 17,5 A
Rated cross-section	: 1,5 mm ²
Rated connecting capacity	: 0,5 mm ² - 1,5 mm ² rigid or flexible 2 conductors with the same cross section: 0,5 mm ² - 0,75 mm ² flexible
Torque clamping unit	: 0,3 Nm
Method of mounting	: top hat rail 15 mm
Description	: 1-pole, with 2 clamping units per pole

Product data – type WDU 10

Rated insulation voltage	: 1000 V
Rated impulse withstand voltage	: 8 kV
Conventional free air thermal current	: 57 A
Rated cross-section	: 10 mm ²
Rated connecting capacity	: 1,5 mm ² - 16 mm ² rigid or flexible 2 wires with the same cross section: 1,5 mm ² - 6 mm ² rigid or flexible
Torque clamping unit	: 1,2 Nm - 1,9 Nm
Method of mounting	: top hat rail 35 mm
Description	: 1-pole, with 2 clamping units per pole

Product data – type WDU 120/150

Rated insulation voltage	: 1000 V
Rated impulse withstand voltage	: 8 kV
Conventional free air thermal current	: 269 A
Rated cross-section	: 120 mm ²
Rated connecting capacity	: 35 mm ² - 150 mm ² rigid or flexible 2 conductors with the same cross section: 35 mm ² - 70 mm ² rigid or flexible

Torque clamping unit	: 6 Nm - 12 Nm
Method of mounting	: top hat rail 35 mm
Description	: 1-pole, with 2 clamping units per pole

Product data – type WDU 16

Rated insulation voltage	: 1000 V
Rated impulse withstand voltage	: 8 kV
Conventional free air thermal current	: 76 A
Rated cross-section	: 16 mm ²
Rated connecting capacity	: 1,5 mm ² - 25 mm ² rigid or flexible
Torque clamping unit	: 3 Nm
Method of mounting	: top hat rail 35 mm
Description	: 1-pole, with 2 clamping units per pole

Product data – type WDU 2.5

Rated insulation voltage	: 800 V
Rated impulse withstand voltage	: 8 kV
Conventional free air thermal current	: 24 A
Rated cross-section	: 2,5 mm ²
Rated connecting capacity	: 0,5 mm ² - 4 mm ² rigid or flexible
Torque clamping unit	: 0,4 Nm - 0,7 Nm
Method of mounting	: top hat rail 35 mm
Description	: 1-pole, with 2 clamping units per pole

Product data – type WDU 240

Rated insulation voltage	: 1000 V
Rated impulse withstand voltage	: 8 kV
Conventional free air thermal current	: 415 A
Rated cross-section	: 240 mm ²
Rated connecting capacity	: 70 mm ² - 240 mm ² rigid or flexible 2 conductors with the same cross section: 35 mm ² - 95 mm ² rigid and 50 mm ² - 95 mm ² flexible
Torque clamping unit	: 25 Nm - 30 Nm
Method of mounting	: top hat rail 35 mm
Description	: 1-pole, with 2 clamping units per pole

Product data – type WDU 35

Rated insulation voltage	: 1000 V
Rated impulse withstand voltage	: 8 kV
Conventional free air thermal current	: 125 A
Rated cross-section	: 35 mm ²
Rated connecting capacity	: 2,5 mm ² - 50 mm ² rigid 2,5 mm ² - 35 mm ² flexible
Torque clamping unit	: 4 Nm - 5 Nm
Method of mounting	: top hat rail 35 mm
Description	: 1-pole, with 2 clamping units per pole

Product data – type WDU 35IK

Rated insulation voltage	: 1000 V
Rated impulse withstand voltage	: 8 kV
Conventional free air thermal current	: 125 A
Rated cross-section	: 35 mm ²
Rated connecting capacity	: 2,5 mm ² - 50 mm ² rigid 2,5 mm ² - 35 mm ² flexible
Torque clamping unit	: 4 Nm - 5 Nm
Method of mounting	: top hat rail 35 mm
Type of screw in clamping unit	: socket head screw
Description	: 1-pole, with 2 clamping units per pole

Product data – type WDU 4

Rated insulation voltage	: 800 V
Rated impulse withstand voltage	: 8 kV
Conventional free air thermal current	: 32 A
Rated cross-section	: 4 mm ²
Rated connecting capacity	: 0,5 mm ² - 6 mm ² rigid or flexible 2 wires with the same cross section: 0,5 mm ² - 1,5 mm ² rigid or flexible
Torque clamping unit	: 0,5 Nm – 0,9 Nm
Method of mounting	: top hat rail 35 mm
Description	: 1-pole, with 2 clamping units per pole

Product data – type WDU 50N

Rated insulation voltage	: 1000 V
Rated impulse withstand voltage	: 8 kV
Conventional free air thermal current	: 150 A
Rated cross-section	: 50 mm ²
Rated connecting capacity	: 10 mm ² solid 10 mm ² - 50 mm ² flexible 10 mm ² - 70 mm ² stranded
Torque clamping unit	: 3,5 Nm - 6 Nm
Method of mounting	: top hat rail 35 mm
Description	: 1-pole, with 2 clamping units per pole

Product data – type WDU 6

Rated insulation voltage	: 800 V
Rated impulse withstand voltage	: 8 kV
Conventional free air thermal current	: 41 A
Rated cross-section	: 6 mm ²
Rated connecting capacity	: 0,5 mm ² - 10 mm ² rigid or flexible 2 wires with the same cross section: 0,5 mm ² - 2,5 mm ² rigid or flexible
Torque clamping unit	: 0,8 Nm
Method of mounting	: top hat rail 35 mm
Description	: 1-pole, with 2 clamping units per pole

Product data – type WDU 70/95

Rated insulation voltage	: 1000 V
Rated impulse withstand voltage	: 8 kV
Conventional free air thermal current	: 232 A
Rated cross-section	: 95 mm ²
Rated connecting capacity	: 16 mm ² - 120 mm ² rigid 16 mm ² - 95 mm ² flexible 2 conductors with the same cross section: 16 mm ² - 35 mm ² rigid or flexible
Torque clamping unit	: 6 Nm - 12 Nm
Method of mounting	: top hat rail 35 mm
Description	: 1-pole, with 2 clamping units per pole

TESTS**Test requirements**

EN 60947-7-1:2009

Test result

The test results are laid down in DEKRA test file 226525300, 227677000.

Additional information

This certificate replaces certificate No. 2121320.01 which we hereby declare invalid.

This certificate replaces certificate No. 71-126178 which we hereby declare invalid.

Conclusion

The examination proved that all requirements were met.

Factory locations

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

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