

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 blocks for copper conductors
Trade name(s) : Weidmüller
Type(s)/model(s) : WDU 6 SL, WDU 6 SL/EN, WDU 6 SL/EN RT, WDU 6 SL/EN SW and
WDU 6 SL STB 14

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(s) 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

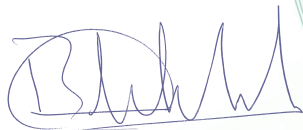
DEKRA hereby grants the right to use the KEMA-KEUR certification mark.

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 22 July 2021 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 71-119899

DEKRA Certification B.V.



B.T.M. Holtus
Managing Director



M. Triulzi
Certification Manager

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SPECIFICATION OF THE CERTIFIED PRODUCT**Product data**

Product	: Terminal blocks for copper conductors
Trade name(s)	: Weidmüller
Type(s)/model(s)	: WDU 6 SL, WDU 6 SL/EN, WDU 6 SL/EN RT, WDU 6 SL/EN SW and WDU 6 SL STB 14
Pollution degree	: 3
Conventional free air thermal current	: 41 A unprepared conductors
Rated cross section	: 6 mm ²
Rated connecting capacity	: 0,5 mm ² - 6 mm ² rigid (solid) 1 conductor 0,5 mm ² - 6 mm ² flexible 1 conductor 0,5 mm ² rigid (solid) 2 conductor
Tightening torque	: 0,8 Nm

Product data – type WDU 6 SL

Rated insulation voltage	: 500 V
Rated impulse withstand voltage	: 6 kV
Mounting rail	: top hat rail 35 mm
Description	: feed-through terminal block, 1-pole with 2 screw-type clamping units, colour beige

Product data – type WDU 6 SL STB 14

Rated insulation voltage	: 32 V
Rated impulse withstand voltage	: 1,5 kV
Mounting rail	: top hat rail 35 mm
Description	: feed-through terminal block, 1-pole with 2 screw-type clamping units, colour beige, with connector

Product data – type WDU 6 SL/EN

Rated insulation voltage	: 690 V
Rated impulse withstand voltage	: 6 kV
Mounting rail	: top hat rail 35 mm and G-profile 32 mm
Description	: feed-through terminal block, 1-pole with 2 screw-type clamping units, colour beige

Product data – type WDU 6 SL/EN RT

Rated insulation voltage	: 690 V
Rated impulse withstand voltage	: 6 kV
Mounting rail	: top hat rail 35 mm and G-profile 32 mm
Description	: feed-through terminal block, 1-pole with 2 screw-type clamping units, colour red

Product data – type WDU 6 SL/EN SW

Rated insulation voltage	: 690 V
Rated impulse withstand voltage	: 6 kV
Mounting rail	: top hat rail 35 mm and G-profile 32 mm
Description	: feed-through terminal block, 1-pole with 2 screw-type clamping units, colour black

TESTS**Test requirements**

EN 60947-7-1:2009

Test result

The test results are laid down in DEKRA test file 225620700.

Additional information

For information only

Rated connecting capacity

: cable lugs 0,5 mm² - 6 mm² flexible 1 cable lugcable lugs 0,5 mm² - 6 mm² flexible 2 cable lugs

Cable lugs

: 0,5 mm²: cable lugs type HBT1.5-3.0RT and HBT1.5-4.6RT6 mm²: cable lugs type HBT6.0-3.0GE and HBT6.0-4.6GE

endplate type WAP 2,5-10 4-6 should be used at each terminal

block if cable lugs are used

Conventional free air thermal current : 35 A (cable lugs type HBT6.0-3.0GE with 6 mm²)36 A (cable lugs type HBT6.0-4.6GE with 6 mm²)

This certificate replaces certificate No. 71-114609 which we hereby declare invalid.

Conclusion

The examination proved that all requirements were met.

Factory location

Weidmüller Interface GmbH & Co. KG

Klingenbergstrasse 16 / 26

32758 Detmold, Germany