

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) : WTD 6/1, WTD 6/4 FF, WTL 6/1, WTL 6/1 STB, WTL 6/2, WTL 6/3,
WTL 6/3 STB, WTL 6/4 FF, WTQ 6/1 and WTQ 6/1 STB

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 12 July 2017 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 71-100294

DEKRA Certification B.V.



drs. G.J. Zoetbrood
Managing Director



Henk Barends
Certification Manager

© Integral publication of this certificate is allowed

ACCREDITED BY THE
DUTCH ACCREDITATION
COUNCIL



SPECIFICATION OF THE CERTIFIED PRODUCT**Product data**

Product	: terminal block for copper conductors
Trade name(s)	: WEIDMÜLLER
Type(s)/model(s)	: WTD 6/1, WTD 6/4 FF, WTL 6/1, WTL 6/1 STB, WTL 6/2, WTL 6/3, WTL 6/3 STB, WTL 6/4 FF, WTQ 6/1 and WTQ 6/1 STB
Material	: thermoplastic material

Product data – type WTD 6/1

Rated insulation voltage	: 630 V
Rated impulse withstand voltage	: 6 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 0,5 mm ² - 10 mm ² flexible
Torque clamping unit	: 1 Nm - 1,6 Nm
Method of mounting	: top hat rail 35 mm
Description	: terminal block with screw-type clamping units, 1-pole, with 2 clamping units per pole

Product data – type WTD 6/4 FF

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	: 1,5 mm ² - 6 mm ² flexible (cable lugs)
Torque clamping unit	: 1,2 Nm
Method of mounting	: top hat rail 35 mm
Description	: terminal block with screw-type clamping units, 1-pole, with 2 clamping units per pole

Product data – type WTL 6/1

Rated insulation voltage	: 630 V
Rated impulse withstand voltage	: 6 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 0,5 mm ² - 10 mm ² flexible
Torque clamping unit	: 1 Nm - 1,6 Nm
Torque disconnect unit	: 0,5 Nm - 0,7 Nm
Description	: test disconnect terminal block with screw-type clamping units, 1-pole, with 2 clamping units per pole

Product data – type WTL 6/1 STB

Rated insulation voltage	: 630 V
Rated impulse withstand voltage	: 6 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 0,5 mm ² - 10 mm ² flexible
Torque clamping unit	: 1 Nm - 1,6 Nm
Torque disconnect unit	: 0,5 Nm - 0,7 Nm
Description	: test disconnect terminal block with screw-type clamping units, 1-pole, with 2 clamping units per pole

Product data – type WTL 6/2

Rated insulation voltage	: 500 V
Rated impulse withstand voltage	: 6 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 0,5 mm ² - 10 mm ² flexible
Torque clamping unit	: 1 Nm - 1,6 Nm
Torque disconnect unit	: 0,5 Nm - 0,7 Nm
Method of mounting	: top hat rail 35 mm
Description	: test disconnect terminal block with screw-type clamping units, 1-pole, with 2 clamping units per pole

Product data – type WTL 6/3

Rated insulation voltage	: 500 V
Rated impulse withstand voltage	: 6 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 0,5 mm ² - 10 mm ² flexible
Torque clamping unit	: 0,8 Nm - 1,6 Nm
Torque disconnect unit	: 0,5 Nm - 0,7 Nm
Method of mounting	: top hat rail 35 mm
Description	: test disconnect terminal block with screw-type clamping units, 1-pole, with 2 clamping units per pole

Product data – type WTL 6/3 STB

Rated insulation voltage	: 500 V
Rated impulse withstand voltage	: 6 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 0,5 mm ² - 10 mm ² flexible
Torque clamping unit	: 0,8 Nm - 1,6 Nm
Torque disconnect unit	: 0,5 Nm - 0,7 Nm
Method of mounting	: top hat rail 35 mm
Description	: test disconnect terminal block with screw-type clamping units, 1-pole, with 2 clamping units per pole

Product data – type WTL 6/4 FF

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	: 1,5 mm ² - 6 mm ² flexible
Torque clamping unit	: 1,2 Nm
Method of mounting	: top hat rail 35 mm
Description	: test disconnect terminal block with screw-type clamping units, 1-pole, with 2 clamping units per pole

Product data – type WTQ 6/1

Rated insulation voltage	: 500 V
Rated impulse withstand voltage	: 6 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 0,5 mm ² - 10 mm ² flexible
Torque clamping unit	: 1 Nm - 1,6 Nm
Method of mounting	: top hat rail 35 mm
Description	: terminal block with screw-type clamping units, 1-pole, with 2 clamping units per pole

Product data – type WTQ 6/1 STB

Rated insulation voltage	: 500 V
Rated impulse withstand voltage	: 6 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 0,5 mm ² - 10 mm ² flexible
Torque clamping unit	: 1 Nm - 1,6 Nm
Method of mounting	: top hat rail 35 mm
Description	: terminal block with screw-type clamping units, 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 221551600.

Conclusion

The examination proved that all requirements were met.

Factory location

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