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)	:	ZDUA 2.5-2, ZDUB 2.5-2/2AN/15, ZDUB 2.5-2/4AN/15, ZDU 10, ZDU 10/3AN, ZDU 16, ZDU 16/3AN, ZDU 2.5, ZDU 2.5-2/3AN, ZDU 2.5-2/4AN, ZDU 2.5/3AN, ZDU 2.5/4AN, ZDU 4, ZDU 4/3AN, ZDU 4/4AN, ZDU 6, ZDU 6/3AN and ZEI 16

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 26 November 2020 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 71-112699

DEKRA Certification B.V.

B.T.M. Holtus
Managing Director

H.R.M. Barends
Certification Manager

ACCREDITED BY THE
DUTCH ACCREDITATION
COUNCIL

PRODUCTS
RvA C 001

KEMA KEUR

SPECIFICATION OF THE CERTIFIED PRODUCT

Product data

Product	:	Terminal blocks for copper conductors
Trade name(s)	:	Weidmüller
Type(s)/model(s)	:	ZDUA 2.5-2, ZDUB 2.5-2/2AN/15, ZDUB 2.5-2/4AN/15, ZDU 10, ZDU 10/3AN, ZDU 16, ZDU 16/3AN, ZDU 2.5, ZDU 2.5-2/3AN, ZDU 2.5-2/4AN, ZDU 2.5/3AN, ZDU 2.5/4AN, ZDU 4, ZDU 4/3AN, ZDU 4/4AN, ZDU 6, ZDU 6/3AN and ZEI 16
Rated insulation voltage	:	800 V
Rated impulse withstand voltage	:	8 kV

Product data – type ZDU 10

Conventional free air thermal current	:	57 A
Rated cross section	:	10 mm² rigid or flexible
Rated connecting capacity	:	1,5 mm² - 10 mm² flexible 1,5 mm² - 10 mm² flexible with wire end sleeve 1,5 mm² - 16 mm² rigid
Method of mounting	:	top hat rail 35 mm
Stripping length	:	18 mm
Description	:	two-conductor through terminal block, 1-pole

Product data – type ZDU 10/3AN

Conventional free air thermal current	:	57 A
Rated cross section	:	10 mm² rigid or flexible
Rated connecting capacity	:	1,5 mm² - 10 mm² flexible 1,5 mm² - 10 mm² flexible with wire end sleeve 1,5 mm² - 16 mm² rigid
Method of mounting	:	top hat rail 35 mm
Stripping length	:	18 mm
Description	:	three-conductor through terminal block, 1-pole

Product data – type ZDU 16

Conventional free air thermal current	:	76 A
Rated cross section	:	16 mm² rigid or flexible
Rated connecting capacity	:	1,5 mm² - 16 mm² flexible 1,5 mm² - 16 mm² flexible with wire end sleeve 1,5 mm² - 25 mm² rigid
Method of mounting	:	top hat rail 35 mm
Stripping length	:	18 mm
Description	:	two-conductor through terminal block, 1-pole

Product data – type ZDU 16/3AN

Conventional free air thermal current	:	76 A
Rated cross section	:	16 mm² rigid or flexible
Rated connecting capacity	:	1,5 mm² - 16 mm² flexible 1,5 mm² - 16 mm² flexible with wire end sleeve 1,5 mm² - 25 mm² rigid
Method of mounting	:	top hat rail 35 mm
Stripping length	:	18 mm
Description	:	three-conductor through terminal block, 1-pole

Product data – type ZDU 2.5

Conventional free air thermal current	:	24 A
Rated cross section	:	2,5 mm² rigid or flexible
Rated connecting capacity	:	0,5 mm² - 2,5 mm² flexible 0,5 mm² - 2,5 mm² flexible with wire end sleeve 0,5 mm² - 4 mm² rigid
Method of mounting	:	top hat rail 35 mm
Stripping length	:	12 mm
Description	:	two-conductor through terminal block, 1-pole

Product data – type ZDU 2.5/3AN

Conventional free air thermal current	:	24 A
Rated cross section	:	2,5 mm² rigid or flexible
Rated connecting capacity	:	0,5 mm² - 2,5 mm² flexible 0,5 mm² - 2,5 mm² flexible with wire end sleeve 0,5 mm² - 4 mm² rigid
Method of mounting	:	top hat rail 35 mm
Stripping length	:	12 mm
Description	:	three-conductor through terminal block, 1-pole

Product data – type ZDU 2.5/4AN

Conventional free air thermal current	:	24 A
Rated cross section	:	2,5 mm² rigid or flexible
Rated connecting capacity	:	0,5 mm² - 2,5 mm² flexible 0,5 mm² - 2,5 mm² flexible with wire end sleeve 0,5 mm² - 4 mm² rigid
Method of mounting	:	top hat rail 35 mm
Stripping length	:	12 mm
Description	:	four-conductor through terminal block, 1-pole

Product data – type ZDU 2.5-2/3AN

Conventional free air thermal current	:	24 A
Rated cross section	:	2,5 mm² rigid or flexible
Rated connecting capacity	:	0,5 mm² - 2,5 mm² flexible 0,5 mm² - 2,5 mm² flexible with wire end sleeve 0,5 mm² - 4 mm² rigid
Method of mounting	:	top hat rail 35 mm
Stripping length	:	12 mm
Description	:	three-conductor through terminal block, 1-pole

Product data – type ZDU 2.5-2/4AN

Conventional free air thermal current	:	24 A
Rated cross section	:	2,5 mm² rigid or flexible
Rated connecting capacity	:	0,5 mm² - 2,5 mm² flexible 0,5 mm² - 2,5 mm² flexible with wire end sleeve 0,5 mm² - 4 mm² rigid
Method of mounting	:	top hat rail 35 mm
Stripping length	:	12 mm
Description	:	four-conductor through terminal block, 1-pole

Product data – type ZDU 4

Conventional free air thermal current	:	32 A
Rated cross section	:	4 mm² rigid or flexible

Rated connecting capacity	:	0,5 mm² - 6 mm² flexible 0,5 mm² - 4 mm² flexible with wire end sleeve 0,5 mm² - 6 mm² rigid
Method of mounting	:	top hat rail 35 mm
Stripping length	:	12 mm
Description	:	two-conductor through terminal block, 1-pole

Product data – type ZDU 4/3AN

Conventional free air thermal current	:	32 A
Rated cross section	:	4 mm² rigid or flexible
Rated connecting capacity	:	0,5 mm² - 6 mm² flexible 0,5 mm² - 4 mm² flexible with wire end sleeve 0,5 mm² - 6 mm² rigid
Method of mounting	:	top hat rail 35 mm
Stripping length	:	12 mm
Description	:	three-conductor through terminal block, 1-pole

Product data – type ZDU 4/4AN

Conventional free air thermal current	:	32 A
Rated cross section	:	4 mm² rigid or flexible
Rated connecting capacity	:	0,5 mm² - 6 mm² flexible 0,5 mm² - 4 mm² flexible with wire end sleeve 0,5 mm² - 6 mm² rigid
Method of mounting	:	top hat rail 35 mm
Stripping length	:	12 mm
Description	:	four-conductor through terminal block, 1-pole

Product data – type ZDU 6

Conventional free air thermal current	:	41 A
Rated cross section	:	6 mm² rigid or flexible
Rated connecting capacity	:	0,5 mm² - 6 mm² flexible 0,5 mm² - 6 mm² flexible with wire end sleeve 0,5 mm² - 10 mm² rigid
Method of mounting	:	top hat rail 35 mm
Stripping length	:	13 mm
Description	:	two-conductor through terminal block, 1-pole

Product data – type ZDU 6/3AN

Conventional free air thermal current	:	41 A
Rated cross section	:	6 mm² rigid or flexible
Rated connecting capacity	:	0,5 mm² - 6 mm² flexible 0,5 mm² - 6 mm² flexible with wire end sleeve 0,5 mm² - 10 mm² rigid
Method of mounting	:	top hat rail 35 mm
Stripping length	:	13 mm
Description	:	three-conductor through terminal block, 1-pole

Product data – type ZDUA 2.5-2

Conventional free air thermal current	:	24 A
Rated cross section	:	2,5 mm² rigid or flexible
Rated connecting capacity	:	0,5 mm² - 2,5 mm² flexible 0,5 mm² - 1,5 mm² flexible with wire end sleeve 0,5 mm² - 4 mm² rigid
Method of mounting	:	top hat rail 35 mm

Stripping length	:	12 mm
Description	:	three-conductor through terminal block, 1-pole

Product data – type ZDUB 2.5-2/2AN/15

Conventional free air thermal current	:	24 A
Rated cross section	:	2,5 mm² rigid or flexible
Rated connecting capacity	:	0,5 mm² - 2,5 mm² flexible 0,5 mm² - 1,5 mm² flexible with wire end sleeve 0,5 mm² - 4 mm² rigid
Method of mounting	:	top hat rail 15 mm
Stripping length	:	12 mm
Description	:	two-conductor through terminal block, 1-pole

Product data – type ZDUB 2.5-2/4AN/15

Conventional free air thermal current	:	24 A
Rated cross section	:	2,5 mm² rigid or flexible
Rated connecting capacity	:	0,5 mm² - 2,5 mm² flexible 0,5 mm² - 1,5 mm² flexible with wire end sleeve 0,5 mm² - 4 mm² rigid
Method of mounting	:	top hat rail 15 mm
Stripping length	:	12 mm
Description	:	four-conductor through terminal block, 1-pole

Product data – type ZEI 16

Conventional free air thermal current	:	76 A
Rated cross section	:	16 mm² rigid or flexible
Rated connecting capacity	:	1,5 mm² - 16 mm² flexible 1,5 mm² - 16 mm² flexible with wire end sleeve 1,5 mm² - 25 mm² rigid
Method of mounting	:	top hat rail 35 mm
Description	:	two-conductor through terminal block, 1-pole provided with end plate
Stripping length	:	18 mm

TESTS

Test requirements
EN 60947-7-1:2009

Test result
The test results are laid down in DEKRA test file 224385000.

Additional information
This certificate replaces certificate No. 71-101238 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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