

CERTIFICATE

Issued to:
Applicant:
Phoenix Contact GmbH & Co. KG
Flachsmarktstrasse 8
32825 Blomberg, Germany

Licensee:
Phoenix Contact GmbH & Co. KG
Flachsmarktstrasse 8
32825 Blomberg, Germany

Product : Terminal blocks for copper conductors
Trade name(s) : Phoenix Contact
Type(s)/model(s) : UKKB 5, UKK 5, UK 10-TWIN, UK 10 N, UK 3-TWIN, UK 3 N and UK 6 N

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 900469

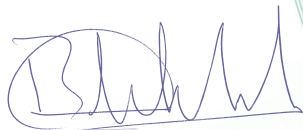
DEKRA hereby grants the right to use the KEMA-KEUR certification mark.

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

Certificate number: 71-119849

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 blocks for copper conductors
Trade name(s)	: Phoenix Contact
Type(s)/model(s)	: UKKB 5, UKK 5, UK 10-TWIN, UK 10 N, UK 3-TWIN, UK 3 N and UK 6 N
Material	: thermoplastic material
Description	: terminal blocks with screw-type terminals, for mounting on top hat rail 35 mm and G-profile 32 mm

Product data – type UK 10 N

Rated insulation voltage	: 800 V
Rated impulse withstand voltage	: 8 kV
Conventional free air thermal current	: 57 A
Rated connection capacity	: 10 mm ²
Connectable conductors	: one conductor 0,5 - 16 mm ² rigid 0,5 - 10 mm ² flexible without ferrule 0,5 - 10 mm ² flexible with ferrule two conductors 0,5 - 4 mm ² solid 0,5 - 6 mm ² flexible without ferrule 0,5 - 2,5 mm ² flexible with ferrule
Torque	: 1,5 - 1,8 Nm
Description	: terminal block with 2 screw-type clamping units per pole, 1-pole

Product data – type UK 10-TWIN

Rated insulation voltage	: 800 V
Rated impulse withstand voltage	: 8 kV
Conventional free air thermal current	: 57 A
Rated connection capacity	: 10 mm ²
Connectable conductors	: one conductor 0,5 - 16 mm ² rigid 0,5 - 10 mm ² flexible without ferrule 0,5 - 10 mm ² flexible with ferrule two conductors 0,5 - 4 mm ² solid 0,5 - 4 mm ² flexible without ferrule 0,5 - 6 mm ² flexible with ferrule
Torque	: 1,5 - 1,8 Nm
Description	: terminal block with 3 screw-type clamping units per pole, 1-pole

Product data – type UK 3 N

Rated insulation voltage	: 800 V
Rated impulse withstand voltage	: 8 kV
Conventional free air thermal current	: 24 A
Rated connection capacity	: 2,5 mm ²

Connectable conductors	: one conductor 0,2 - 4 mm ² solid 0,2 - 2,5 mm ² flexible without ferrule 0,25 - 2,5 mm ² flexible with ferrule two conductors 0,2 - 1,5 mm ² solid 0,2 - 1,5 mm ² flexible without ferrule 0,25 - 1,0 mm ² flexible with ferrule
Torque	: 0,6 - 0,8 Nm
Description	: terminal block with 2 screw-type clamping units per pole, 1-pole

Product data – type UK 3-TWIN

Rated insulation voltage	: 400 V
Rated impulse withstand voltage	: 6 kV
Conventional free air thermal current	: 24 A
Rated connection capacity	: 2,5 mm ²
Connectable conductors	: one conductor 0,2 - 2,5 mm ² solid 0,2 - 2,5 mm ² flexible without ferrule 0,25 - 2,5 mm ² flexible with ferrule two conductors 0,2 - 1,5 mm ² solid 0,2 - 1,5 mm ² flexible without ferrule 0,25 - 1,0 mm ² flexible with ferrule
Torque	: 0,5 - 0,6 Nm
Description	: terminal block with 3 screw-type clamping units per pole, 1-pole

Product data – type UK 6 N

Rated insulation voltage	: 800 V
Rated impulse withstand voltage	: 8 kV
Conventional free air thermal current	: 41 A
Rated connection capacity	: 6 mm ²
Connectable conductors	: one conductor 0,2 - 10 mm ² rigid 0,2 - 6 mm ² flexible without ferrule 0,25 - 6 mm ² flexible with ferrule two conductors 0,2 - 2,5 mm ² solid 0,2 - 2,5 mm ² flexible without ferrule 0,25 - 1,5 mm ² flexible with ferrule
Torque	: 1,5 - 1,8 Nm
Description	: terminal block with 2 screw-type clamping units per pole, 1-pole

Product data – type UKK 5

Rated insulation voltage	: 500 V
Rated impulse withstand voltage	: 6 kV
Conventional free air thermal current	: 32 A
Rated connection capacity	: 4 mm ²

Connectable conductors	: one conductor 0,2 - 4 mm ² solid 0,2 - 4 mm ² flexible without ferrule 0,25 - 4 mm ² flexible with ferrule two conductors 0,2 - 1,5 mm ² solid 0,2 - 1,5 mm ² flexible without ferrule 0,25 - 1,5 mm ² flexible with ferrule
Torque	: 0,6 - 0,8 Nm
Description	: terminal block with 2 screw-type clamping units per pole, 2-poles

Product data – type UKKB 5

Rated insulation voltage	: 500 V
Rated impulse withstand voltage	: 6 kV
Conventional free air thermal current	: 32 A
Rated connection capacity	: 4 mm ²
Connectable conductors	: one conductor 0,2 - 4 mm ² solid 0,2 - 4 mm ² flexible without ferrule 0,25 - 4 mm ² flexible with ferrule two conductors 0,2 - 1,5 mm ² solid 0,2 - 1,5 mm ² flexible without ferrule 0,25 - 1,5 mm ² flexible with ferrule
Torque	: 0,6 - 0,8 Nm
Description	: terminal block with 2 screw-type clamping units per pole, 2-poles

TESTS**Test requirements**

EN 60947-7-1:2009

Test result

The test results are laid down in DEKRA test file 225831600.

Additional information

This certificate replaces also 71-113274 dated on 24 June 2021

This certificate replaces certificate No. 71-113855 which we hereby declare invalid.

Conclusion

The examination proved that all requirements were met.

Factory locations

The factory locations are registered with the numbers 676000, 306086, 330626, 296866, 296864, 326192, 32170, 33937, 36852 and 55519.