

CERTIFICATE

Issued to:

Applicant:

Kabelbedrijven Draka Nederland B.V.
Hamerstraat 2-4
1021 JV Amsterdam
The Netherlands

Manufacturer/Licensee:

Kabelbedrijven Draka Nederland B.V.
Hamerstraat 2-4
1021 JV Amsterdam
The Netherlands

Product : Halogen free single and multi pair signalling cables
Trade name : DRAKA
Type : K 165-401 (3400-serie)

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 DEKRA K165-1:2011; DEKRA K165-2:2011; DEKRA K165-4:2011;
- an inspection of the production location according to CENELEC Operational Document CIG 021
- a certification agreement with the number 900407

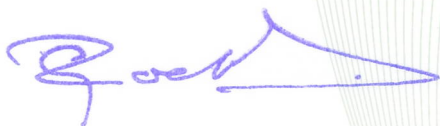
DEKRA hereby grants the right to use the KEMA-KEUR certification mark.

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: 13 December 2012 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 2154238.02

DEKRA Certification B.V.



drs. G.J. Zoetbrood
Managing Director



H.R.M. Barends
Certification Manager

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All testing, inspection, auditing and certification activities of the former KEMA Quality are an integral part of the DEKRA Certification Group.

ACCREDITED BY
THE DUTCH COUNCIL
FOR ACCREDITATION



SPECIFICATION OF THE CERTIFIED PRODUCT**Product data**

product	:	Halogen free single and multi pair signalling cables
trade name	:	DRAKA
type	:	K 165-401 (3400-serie)
rated voltage	:	300V a.c. / 450V d.c.
conductor	:	copper class 1
insulation	:	halogen free thermoplastic compound of type HF (PE 2010 for 0,8 mm and 1,0 mm ² , PE 1097 for 1,5 mm ² and 2,5 mm ²)
over sheath	:	halogen free flame retardant thermoplastic compound of type HFFR (DHF 9822)
tested cable	:	4x2x0,8 mm (3404)
certified cables	:	1~50x0,8 mm 1~50x1,0 mm ² 1~50x1,5 mm ² 1~50x2,5 mm ²

TESTS**Test requirements**

DEKRA K165-1:2011

DEKRA K165-2:2011

DEKRA K165-4:2011

Test result

The test results are laid down in DEKRA test file 2154238.02.

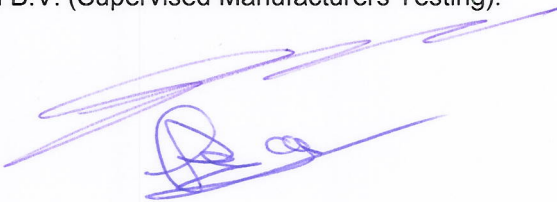
Conclusion

The examination proved that all test requirements were met.

Tested by : The tests were performed by the manufacturer under the conditions of the agreement concerning the manufacturers right to conduct type tests for the KEMA-KEUR certification system under supervision of DEKRA Certification B.V. (Supervised Manufacturers Testing).

Supervised by : A.A. Mackenbach

Checked by : R. van Daalen

A handwritten signature in blue ink, appearing to be 'R. van Daalen', is written over the 'Checked by' line.

Factory locations

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