

# 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, flame retardant EV charging cable for supplying power and communication for electrical vehicles  
Trade name : DRAKA  
Type : EVC-07B1Q-F

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 K175:2013;  
- 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 September 2013 and expires upon withdrawal of one of the above mentioned standards.

**Certificate number: 2153050.01**

DEKRA Certification B.V.

drs. G.J. Zoetbrood  
Managing Director

H.R.M. Barends  
Certification Manager

© Integral publication of this certificate is allowed

ACCREDITED BY  
THE DUTCH COUNCIL  
FOR ACCREDITATION



DEKRA Certification B.V. Meander 1051, 6825 MJ Arnhem P.O. Box 5185, 6802 ED Arnhem The Netherlands  
T +31 88 96 83000 F +31 88 96 81000 www.dekra-certification.com Registered Arnhem 09085396



ANNEX TO KEMA-KEUR CERTIFICATE 2153050.01

page 1 of 2

## SPECIFICATION OF THE CERTIFIED PRODUCT

### Product data

product : halogen free, flame retardant EV charging cable for supplying power and communication for electrical vehicles  
trade name : DRAKA  
type : EVC-07B1Q-F  
rated voltage : 450/750 V  
conductors : tinned copper wires, class 5  
insulation of control and data cores : cross-linked elastomeric compound, type EVI 2  
insulation of power cores : cross-linked elastomeric compound, type EVI 2  
sheath : thermoplastic polyurethane, type TMPU  
tested cable : 5G2,5+1x0,5mm<sup>2</sup>

certified cables : without control and data cores:  
3 and 5 power cores of 2,5 mm<sup>2</sup>  
3 and 5 power cores of 4 mm<sup>2</sup>  
3 and 5 power cores of 6 mm<sup>2</sup>  
  
with 1 or 2 control and data cores of 0,5mm<sup>2</sup> and 0,75mm<sup>2</sup>:  
3 and 5 power cores of 2,5 mm<sup>2</sup>  
3 and 5 power cores of 4 mm<sup>2</sup>  
3 and 5 power cores of 6 mm<sup>2</sup>

## TESTS

**Test requirements**  
DEKRA K175:2013

**Test result**  
The test results are laid down in DEKRA test file 2153050.01.

**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 or KEMA-KEUR-HAR certification system under supervision of DEKRA Certification B.V. (Supervised Manufacturers Testing)

Supervised by : A.A. Mackenbach

Checked by : R. van Daalen