

# CERTIFICATE

Name and address of licensee:

**Prysmian Netherlands B.V.**  
**Schieweg 9**  
**2627 AN Delft**  
**The Netherlands**

Name and address of the factory location(s):

**Prysmian Netherlands B.V.**  
**Hamerstraat 2-4, 1021 JV Amsterdam**  
**Abel Tasmanstraat 1, 7821 AN Emmen**  
**The Netherlands**

Product : Flexible cables with cross-linked elastomeric insulation  
Trade names : DRAKA, DRAKAFLEX, textile thread black/red (00/20)  
Type : H05RN-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 European standards EN 50525-2-21:2011
- a type test according to the National standards NEN-EN 50525-2-21:2011
- an inspection of the production location according to CENELEC Operational Document CIG 021
- a certification agreement with the number 902501

DEKRA hereby grants the right to use the KEMA-KEUR ◀HAR▶ certification mark or a black-red-yellow coloured thread i.e. 1 cm black, 3 cm red and 3 cm yellow.

The KEMA-KEUR ◀HAR▶ certification mark may be applied to the product as specified in this certificate for the duration of the KEMA-KEUR ◀HAR▶ certification agreement and under the conditions of the KEMA-KEUR ◀HAR▶ certification agreement.

This certificate is issued according to the rules of the HAR Agreement, wherein the certificate issued by any certification body adhering to the HAR Agreement has the same worth and validity in all the other certification bodies countries.

This certificate is issued on: 1 December 2013 and expires upon withdrawal of one of the above mentioned standards.

**Certificate number: HAR-NL 2167586.01**

**Supersedes number: HAR-NL 1800-074**

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



Note: The black-red-yellow thread has been registered in the Netherlands as a certification Trade Mark for Verband Deutscher Elektotechniker (VDE). VDE has authorized DEKRA to use this thread.

**SPECIFICATION OF THE CERTIFIED PRODUCT****Product data**

product : Flexible cables with cross-linked elastomeric insulation  
trade names : DRAKA, DRAKAFLEX, textile thread black/red (00/20)  
type : H05RN-F  
rated voltage : 300/500 V  
conductor : Copper class 5  
insulation : Cross-linked elastomeric compound, Type EI 4 to EN 50363-1  
sheath : Cross-linked elastomeric compound, Type EM 2 to EN 50363-2-1  
certified cables : 2 ~ 4 x 0,75 mm<sup>2</sup> ~ 1,0 mm<sup>2</sup>

**TESTS****Test requirements**

EN 50525-2-21:2011

**Test result**

The test results are laid down in DEKRA test file 216758600.

**Remark**

This certificate is based on and replaces KEMA-KEUR ◀HAR▶ certificate no. HAR-NL 1800-074.

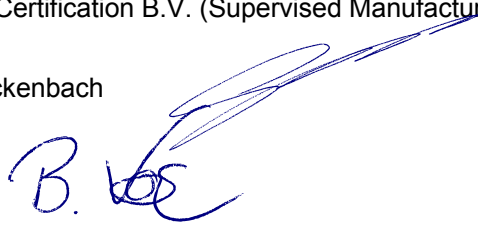
**Conclusion**

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 : B. Vos

**Factory locations**

Prysmian Netherlands B.V.  
Hamerstraat 2-4  
1021 JV Amsterdam  
The Netherlands

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7821 AN Emmen  
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