

# 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.**  
**Schieweg 9, 2627 AN Delft**  
**Abel Tasmanstraat 1, 7821 AN Emmen**  
**De Flammert 1005, 5854 NA Nieuw Bergen**  
**The Netherlands**

Product : Single core non-sheathed cables with halogen-free thermoplastic insulation,  
and low emission of smoke  
Trade name : DRAKA  
Types : H07Z1-U (Type 1) and H07Z1-R (Type 1)

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 50525-1:2011 and EN 50525-3-31:2011
- a type test according to the National standards NEN-EN 50525-1:2011 and NEN-EN 50525-3-31:2011
- 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: 22 November 2014 and expires upon withdrawal of one of the above mentioned standards.

**Certificate number: HAR-NL 2171427.13**

**Supersedes number: HAR-NL 1800-081 and 1800-082**

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.

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

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

product	:	Single core non-sheathed cables with halogen-free thermoplastic insulation, and low emission of smoke
trade name	:	DRAKA
type	:	H07Z1-U (Type 1) and H07Z1-R (Type 1)
rated voltage	:	450/750 V
conductor	:	Copper class 1 (H07Z1-U) Copper class 2 (H07Z1-R)
conductor operating temperature	:	Maximum 70 °C
insulation	:	Thermoplastic compound of type TI 7 to EN 50363-7
certified cables	:	H07Z1-U 1,5-10 mm <sup>2</sup> H07Z1-R 1,5-630 mm <sup>2</sup>

**TESTS****Test requirements**

EN 50525-1:2011 and EN 50525-3-31:2011 (Clause 4.2)

**Test result**

The test results are laid down in DEKRA test file 2171427.13.

**Remark**

This KEMA-KEUR ◀HAR▶ certificate is based on and replaces KEMA-KEUR ◀HAR▶ certificate no. HAR-NL 1800-081 and 1800-082 (2121135/01 and 2121135/03), dated July 14, 2009.

**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**

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Abel Tasmanstraat 1, 7821 AN Emmen, The Netherlands

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Industrieterrein De Flammert 1005, 5854 NA, Nieuw Bergen, The Netherlands