

CERTIFICATE

Name and address of licensee:

LEONI Slovakia s.r.o.

Trencianska Teplá

914 01 Trenčianska Teplá – Dobrá, Slovakia

Name and address of the factory location:

LEONI Slovakia s.r.o.

Trencianska Teplá

914 01 Trenčianska Teplá – Dobrá, Slovakia

Product : Flexible cables with thermoplastic PVC insulation
Trade names : LEONI S
Types : H05VV-F & H05VVH2-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 50525-2-11:2011
- a type test according to the National standards NEN-EN 50525-2-11:2011
- an inspection of the production location according to CENELEC Operational Document CIG 021
- a certification agreement with the number 2156457

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 January 2013 and expires upon withdrawal of one of the above mentioned standards.

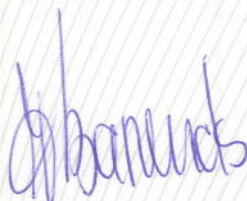
Certificate number: HAR-NL 2156457-002

Supersedes number: ---

DEKRA Certification B.V.



drs. G.J. Zoetbrood
Managing Director



H.R.M. Barends
Certification Manager

© Integral publication of this certificate is allowed

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



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

DEKRA Certification B.V. Utrechtseweg 310, 6812 AR Arnhem P.O. Box 5185, 6802 ED Arnhem The Netherlands
T +31 26 3 56 20 00 F +31 26 3 52 58 00 www.dekra-certification.com Registered Arnhem 09085396

SPECIFICATION OF THE CERTIFIED PRODUCT**Product data**

product	: Flexible cables with thermoplastic PVC insulation
trade name	: LEONI S
types	: H05VV-F & H05VVH2-F
rated voltage	: 300/500 V
conductor	: copper class 5
insulation	: PVC compound of type TI 2 to EN 50363-3
sheath	: PVC compound of type TM 2 to EN 50363-4-1
certified cords/cables	: H05VV-F 2~5 x 0,75 mm ² ~ 2,5 mm ² H05VVH2-F 2 x 0,75 mm ² ~ 1,0 mm ²

TESTS**Test requirements**

EN 50525-2-11:2011 clause 4.2

Test result

The test results are laid down in DEKRA test file 2156457.02.

Conclusion

The examination proved that all test requirements were met.

Tested by : A.A. Mackenbach

Checked by : R. van Daalen

Factory location

LEONI Slovakia s.r.o.
Trencianska Teplá
914 01 Trenscianska Teplá – Dobrá
Slovakia