

ELECTRICAL CONTINUITY DECLARATION

Producer:	VERGOKAN NV
Reportname:	(HD)KLL 85*---
Product description:	Cable ladder light 85
Devices under test :	KLL 85*200
(Product references)	KLL 85*600 KLLKP 85 VM 6*10 HDKLL 85*200 HDKLL 85*600 HDKLLKP 85 HDVM 6*10
Test according to:	§ 11.1.2 of the IEC 61537
Description of testmethode:	A current of 25 A \pm 1A A.C. having a frequency of 50 Hz to 60 Hz supplied by a source with a no-load voltage not exceeding 12 V shall be passed through the length of the samples. The voltage drop shall be measured between two points 50 mm each side of the coupler or integral coupling and again between two points 500 mm apart on one side of the joint. The impedances shall not exceed 50 m Ω across the joint and 5 m Ω per meter without the joint.
Manufactured by:	VERGOKAN N.V.
Test device:	HYAMP III 3130
Calibration certificate number:	130624-3130_9352036

[Declaration] :

We declare that above mentioned products are tested by VERGOKAN and supervised by external party Bureau Veritas according to § 11.1.2 of the IEC 61537.



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DESCRIPTION OF TEST:

Test number	Setup	Measuring points	Criteria to pass the test
1	Two cable ladders KLL 85*200 coupled with KLLKP 85 and VM 6*10	On both trays 50mm of the coupling.	Impedance can not exceed 50mΩ
2	Two cable ladders KLL 85*600 coupled with KLLKP 85 and VM 6*10	On both tray's 50mm of the coupling.	Impedance can not exceed 50mΩ
3	Two cable ladders HDKLL 85*200 coupled with HDKLLKP 85 and HDVM 6*10	On both trays 50mm of the coupling.	Impedance can not exceed 50mΩ
4	Two cable ladders HDKLL 85*600 coupled with HDKLLKP 85 and HDVM 6*10	On both tray's 50mm of the coupling.	Impedance can not exceed 50mΩ
5	KLL 85*200	On the tray, 500mm apart from each other	Impedance can not exceed 5mΩ/m
6	KLL 85*600	On the tray, 500mm apart from each other	Impedance can not exceed 5mΩ/m
7	HDKLL 85*200	On the tray, 500mm apart from each other	Impedance can not exceed 5mΩ/m
8	HDKLL 85*600	On the tray, 500mm apart from each other	Impedance can not exceed 5mΩ/m

RESULTS OF TEST:

Test number	Test	Impedance	Result
1	1	2 mΩ	Pass
	2	1 mΩ	Pass
	3	1 mΩ	Pass
2	1	1 mΩ	Pass
	2	1 mΩ	Pass
	3	1 mΩ	Pass
3	1	1 mΩ	Pass
	2	1 mΩ	Pass
	3	1 mΩ	Pass
4	1	1 mΩ	Pass
	2	1 mΩ	Pass
	3	1 mΩ	Pass
5	1	1 mΩ	Pass
	2	1 mΩ	Pass
	3	1 mΩ	Pass
6	1	1 mΩ	Pass
	2	1 mΩ	Pass
	3	1 mΩ	Pass
7	1	1 mΩ	Pass
	2	1 mΩ	Pass
	3	1 mΩ	Pass



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8	1	1 mΩ	Pass
	2	1 mΩ	Pass
	3	1 mΩ	Pass

CONCLUSION:

All the devices under test where tested as described above and did meet their criteria to pass the test.
We can state that the cable ladders KLL 85*--- and HDKLL 85*--- are conform to § 11.1.2 of the IEC 61537.



Oudenaarde, 12/11/2013

Thomas Leus
Operations Director

Rudi Vandenbempt
Bureau Veritas
AVS 1314137

** Pictures of the test setup can be obtained on request*

On condition that the product(s) is/are used in the manner intended and/or in accordance with the current installation standards and/or with the manufacturer's recommendations.