

**ELECTRICAL CONTINUITY DECLARATION**

Producer:	VERGOKAN NV
Reportname:	(HD)KLLI 60*---
Product description:	Cable ladder light interlocking 60
Devices under test : (Productreferences)	KLLI 60*150 KLLI 60*600 VM 6*10 HDKLLI 60*150 HDKLLI 60*600 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 $\Omega$ across the joint and 5 m $\Omega$ 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.



**DESCRIPTION OF TEST:**

Test number	Setup	Measuring points	Criteria to pass the test
1	Two cable ladders KLLI 60*150 coupled with VM 6*10	On both trays 50mm of the coupling.	Impedance can not exceed 50mΩ
2	Two cable ladders KLLI 60*600 coupled with VM 6*10	On both tray's 50mm of the coupling.	Impedance can not exceed 50mΩ
3	Two cable ladders HDKLLI 60*150 coupled with HDVM 6*10	On both trays 50mm of the coupling.	Impedance can not exceed 50mΩ
4	Two cable ladders HDKLLI 60*600 coupled with HDVM 6*10	On both tray's 50mm of the coupling.	Impedance can not exceed 50mΩ
5	KLLI 60*150	On the tray, 500mm apart from each other	Impedance can not exceed 5mΩ/m
6	KLLI 60*600	On the tray, 500mm apart from each other	Impedance can not exceed 5mΩ/m
7	HDKLLI 60*150	On the tray, 500mm apart from each other	Impedance can not exceed 5mΩ/m
8	HDKLLI 60*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	1 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	2 mΩ	Pass
	2	1 mΩ	Pass
	3	1 mΩ	Pass
6	1	1 mΩ	Pass
	2	2 mΩ	Pass
	3	2 mΩ	Pass
7	1	1 mΩ	Pass
	2	1 mΩ	Pass
	3	1 mΩ	Pass



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


## CONCLUSION:

All the devices under test were tested as described above and did meet their criteria to pass the test.

**We can state that the cable ladders KLLI 60\*--- and HDKLLI 60\*--- are conform to § 11.1.2 of the IEC 61537.**



Oudenaarde, 12/11/2013

  
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Operations Director



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\* 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.*