

## ELECTRICAL CONTINUITY DECLARATION

Producer:	VERGOKAN NV
Reportname:	KLIG(Z) 150x---
Product description:	Cable ladder GOLIATH 150
Devices under test : (Product references)	KLIG 150*200 KLIG 150*600 KLIGZ 150*200 KLIGZ 150*600 LVIG 150 LVIGS 150 B 12*20 M 12 HDB 12*20 HDM 12
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 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 KLIG 150*200 coupled with LVIG 150, HDB 12*20 and HDM 12	On both trays 50mm of the coupling.	Impedance can not exceed 50mΩ
2	Two cable ladders KLIG 150*200 coupled with LVIGS 150, HDB 12*20 and HDM 12	On both tray's 50mm of the coupling.	Impedance can not exceed 50mΩ
3	Two cable ladders KLIG 150*600 coupled with LVIG 150, HDB 12*20 and HDM 12	On both trays 50mm of the coupling.	Impedance can not exceed 50mΩ
4	Two cable ladders KLIG 150*600 coupled with LVIGS 150, HDB 12*20 and HDM 12	On both tray's 50mm of the coupling.	Impedance can not exceed 50mΩ
5	Two cable ladders KLIGZ 150*200 coupled with LVIG 150, B12*20 and M 12	On both trays 50mm of the coupling.	Impedance can not exceed 50mΩ
6	Two cable ladders KLIGZ 150*200 coupled with LVIGS 150, B12*20 and M 12	On both tray's 50mm of the coupling.	Impedance can not exceed 50mΩ
7	Two cable ladders KLIGZ 150*600 coupled with LVIG 150, B12*20 and M 12	On both trays 50mm of the coupling.	Impedance can not exceed 50mΩ
8	Two cable ladders KLIGZ 150*600 coupled with LVIGS 150, B12*20 and M 12	On both tray's 50mm of the coupling.	Impedance can not exceed 50mΩ
9	KLIG 150*200	On the tray, 500mm apart from each other	Impedance can not exceed 5mΩ/m
10	KLIG 150*600	On the tray, 500mm apart from each other	Impedance can not exceed 5mΩ/m
11	KLIGZ 150*200	On the tray, 500mm apart from each other	Impedance can not exceed 5mΩ/m
12	KLIGZ 150*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	3 mΩ	Pass
	2	2 mΩ	Pass
	3	2 mΩ	Pass
2	1	3 mΩ	Pass
	2	3 mΩ	Pass
	3	2 mΩ	Pass
3	1	2 mΩ	Pass
	2	2 mΩ	Pass
	3	3 mΩ	Pass

4	1	2 mΩ	Pass
	2	2 mΩ	Pass
	3	3 mΩ	Pass
5	1	3 mΩ	Pass
	2	2 mΩ	Pass
	3	2 mΩ	Pass
6	1	3 mΩ	Pass
	2	2 mΩ	Pass
	3	2 mΩ	Pass
7	1	3 mΩ	Pass
	2	4 mΩ	Pass
	3	2 mΩ	Pass
8	1	4 mΩ	Pass
	2	2 mΩ	Pass
	3	2 mΩ	Pass
9	1	3 mΩ	Pass
	2	2 mΩ	Pass
	3	2 mΩ	Pass
10	1	2 mΩ	Pass
	2	2 mΩ	Pass
	3	2 mΩ	Pass
11	1	2 mΩ	Pass
	2	3 mΩ	Pass
	3	2 mΩ	Pass
12	1	3 mΩ	Pass
	2	3 mΩ	Pass
	3	2 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 KLIG 150\* --- and KLIGZ 150\*--- are conform to  
§ 11.1.2 of the IEC 61537.

Oudenaarde, 12/11/2013



Thomas Leus  
Operations Director

*\* 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.*