

ELECTRICAL CONTINUITY DECLARATION

Producer:	VERGOKAN NV
Reportname:	(HD)KLZ ---
Product description:	Cable ladder heavy
Devices under test : (Product references)	KLZ 200 KLZ 600 KLZKP RBK 12*20 RO 12 M 12 HDKLZ 200 HDKLZ 600 HDKLZKP HDRBK 12*20 HDRO 12 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 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.



A blue ink signature consisting of a stylized letter 'A'.

DESCRIPTION OF TEST:

Test number	Setup	Measuring points	Criteria to pass the test
1	Two cable ladders KLZ 200 coupled with KLZKP, RBK 12*20, RO 12 and M 12	On both trays 50mm of the coupling.	Impedance can not exceed 50mΩ
2	Two cable ladders KLZ 600 coupled with KLZKP, RBK 12*20, RO 12 and M 12	On both tray's 50mm of the coupling.	Impedance can not exceed 50mΩ
3	Two cable ladders HDKLZ 200 coupled with HDKLZKP, HDRBK 12*20, HDRO 12 and HDM 12	On both trays 50mm of the coupling.	Impedance can not exceed 50mΩ
4	Two cable ladders HDKLZ 600 coupled with HDKLZKP, HDRBK 12*20, HDRO 12 and HDM 12	On both tray's 50mm of the coupling.	Impedance can not exceed 50mΩ
5	KLZ 200	On the tray, 500mm apart from each other	Impedance can not exceed 5mΩ/m
6	KLZ 600	On the tray, 500mm apart from each other	Impedance can not exceed 5mΩ/m
7	HDKLZ 200	On the tray, 500mm apart from each other	Impedance can not exceed 5mΩ/m
8	HDKLZ 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	3 mΩ	Pass
	3	1 mΩ	Pass
2	1	2 mΩ	Pass
	2	3 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	4 mΩ	Pass
	3	3 mΩ	Pass



(Handwritten blue mark)

6	1	2 mΩ	Pass
	2	3 mΩ	Pass
	3	2 mΩ	Pass
7	1	1 mΩ	Pass
	2	1 mΩ	Pass
	3	2 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 KLZ --- and HDKLZ --- are conform to § 11.1.2 of the IEC 61537.



Thomas Leus
Operations Director

Oudenaarde, 21/11/2013

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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.