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## ELECTRICAL CONTINUITY DECLARATION

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Producer: VERGOKAN NV

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Reportname: (HD)KGI60,----,---

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Product description: Cable tray not perforated, interlocking

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Devices under test : KGI60.075.100  
(Product references) KGI60.600.125  
KBV  
VM6.10  
HDKGI60.075.100  
HdKGI60.400.100  
HDVM6.10

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Test according to: § 11.1.2 of the IEC 61537

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Description of testmethode: A current of  $25\text{ A} \pm 1\text{ A}$  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.

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Manufactured by: VERGOKAN N.V.

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Test device: HYAMP III 3130

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Calibration certificate number: 130624-3130\_9352036

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*[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 trays KGI60.075.100 coupled with KBV	On both trays 50mm of the coupling.	Impedance can not exceed 50mΩ
2	Two cable trays KGI60.075.100 coupled with VM6.10	On both trays 50mm of the coupling.	Impedance can not exceed 50mΩ
3	Two cable trays KGI60.600.125 coupled with KBV	On both tray's 50mm of the coupling.	Impedance can not exceed 50mΩ
4	Two cable trays KGI60.600.125 coupled with VM6.10	On both trays 50mm of the coupling.	Impedance can not exceed 50mΩ
5	Two cable trays HDKGI60.075.100 coupled with KBV	On both trays 50mm of the coupling.	Impedance can not exceed 50mΩ
6	Two cable trays HDKGI60.075.100 coupled with HDVM6.10	On both trays 50mm of the coupling.	Impedance can not exceed 50mΩ
7	Two cable trays HDKGI60.400.100 coupled with KBV	On both tray's 50mm of the coupling.	Impedance can not exceed 50mΩ
8	Two cable trays HDKGI60.400.100 coupled with HDVM6.10	On both trays 50mm of the coupling.	Impedance can not exceed 50mΩ
9	KGI60.075.100	On the tray, 500mm apart from each other	Impedance can not exceed 5mΩ/m
10	KGI60.600.125	On the tray, 500mm apart from each other	Impedance can not exceed 5mΩ/m
11	HDKGI60.075.100	On the tray, 500mm apart from each other	Impedance can not exceed 5mΩ/m
12	HDKGI60.400.100	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	2 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
8	1	1 mΩ	Pass
	2	1 mΩ	Pass
	3	1 mΩ	Pass
9	1	1 mΩ	Pass
	2	1 mΩ	Pass
	3	1 mΩ	Pass
10	1	1 mΩ	Pass
	2	1 mΩ	Pass
	3	1 mΩ	Pass
11	1	1 mΩ	Pass
	2	1 mΩ	Pass
	3	1 mΩ	Pass
12	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 trays KGI60.--- and HDKGI60.--- are conform to § 11.1.2 of the IEC 61537.**



Oudenaarde, 14/10/2014

  
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.