

ELECTRICAL CONTINUITY DECLARATION

Producer:	VERGOKAN NV
Reportname:	(HD)KBS 35*---*---
Product description:	Perforated cable tray 35
Devices under test : (Product references)	KBS 35*050*0.75 KBS 35*600*1.00 V 35*200 VM 6*10 HDKBS 35*050*0.75 HDKBS 35*400*1.00 HDV 35*200 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 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 KBS 35*050*0.75 coupled with V 35*200 and VM 6*10	On both trays 50mm of the coupling.	Impedance can not exceed 50mΩ
2	Two cable trays KBS 35*600*1.00 coupled with V 35*200 and VM 6*10	On both tray's 50mm of the coupling.	Impedance can not exceed 50mΩ
3	Two cable trays HDKBS 35*050*0.75 coupled with HDV 35*200 and HDVM 6*10	On both tray's 50mm of the coupling.	Impedance can not exceed 50mΩ
4	Two cable trays HDKBS 35*400*1.00 coupled with HDV 35*200 and HDVM 6*10	On both tray's 50mm of the coupling.	Impedance can not exceed 50mΩ
5	KBS 35*050*0.75	On the tray, 500mm apart from each other	Impedance can not exceed 5mΩ/m
6	KBS 35*600*1.00	On the tray, 500mm apart from each other	Impedance can not exceed 5mΩ/m
7	HDKBS 35*050*0.75	On the tray, 500mm apart from each other	Impedance can not exceed 5mΩ/m
8	HDKBS 35*400*1.00	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	2 mΩ	Pass
	3	2 mΩ	Pass
2	1	2 mΩ	Pass
	2	2 mΩ	Pass
	3	2 mΩ	Pass
3	1	2 mΩ	Pass
	2	2 mΩ	Pass
	3	2 mΩ	Pass
4	1	2 mΩ	Pass
	2	2 mΩ	Pass
	3	2 mΩ	Pass
5	1	2 mΩ	Pass
	2	2 mΩ	Pass
	3	2 mΩ	Pass
6	1	1 mΩ	Pass
	2	1 mΩ	Pass
	3	1 mΩ	Pass
7	1	2 mΩ	Pass
	2	2 mΩ	Pass
	3	2 mΩ	Pass

8	1	1 mΩ	Pass
	2	2 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 trays KBS 35*---*--- and HDKBS 35*---*--- are conform to § 11.1.2 of the IEC 61537.



Thomas Leus
Operations Director

Oudenaarde, 12/11/2013

** 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.