

ELECTRICAL CONTINUITY DECLARATION

Producer:	VERGOKAN NV
Reportname:	ZMKBSCL60.---.075
Product description:	Cable tray clickable
Devices under test : (Productreferences)	ZMKBSCL60.075.075 ZMKBSCL60.300.075 VM6.10 KBVCL
Test according to:	§ 11.1.2 of the IEC 61537
Description of testmethode:	A current of 25 A ± 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 mΩ across the joint and 5 mΩ 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 ZMKBSCL60.075.075 coupled with click only	On both trays 50mm of the coupling.	Impedance can not exceed 50mΩ
2	Two cable trays ZMKBSCL60.300.075 coupled with click only	On both trays 50mm of the coupling.	Impedance can not exceed 50mΩ
3	Two cable trays ZMKBSCL60.075.075 coupled with VM6.10	On both tray's 50mm of the coupling.	Impedance can not exceed 50mΩ
4	Two cable trays ZMKBSCL60.300.075 coupled with VM6.10	On both tray's 50mm of the coupling.	Impedance can not exceed 50mΩ
5	Two cable trays ZMKBSCL60.075.075 coupled with KBVCL	On both tray's 50mm of the coupling.	Impedance can not exceed 50mΩ
6	Two cable trays ZMKBSCL60.075.075 coupled with KBVCL	On both tray's 50mm of the coupling.	Impedance can not exceed 50mΩ
7	ZMKBSCL60.075.075	On the tray, 500mm apart from each other	Impedance can not exceed 5mΩ/m
8	ZMKBSCL60.300.075	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	2 mΩ	Pass
	2	2 mΩ	Pass
	3	2 mΩ	Pass
7	1	2 mΩ	Pass
	2	2 mΩ	Pass
	3	2 mΩ	Pass
8	1	2 mΩ	Pass
	2	2 mΩ	Pass
	3	2 mΩ	Pass
9	1	2 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	2 mΩ	Pass
	3	2 mΩ	Pass
12	1	2 mΩ	Pass
	2	2 mΩ	Pass
	3	2 mΩ	Pass
13	1	2 mΩ	Pass
	2	2 mΩ	Pass
	3	2 mΩ	Pass
14	1	2 mΩ	Pass
	2	2 mΩ	Pass
	3	2 mΩ	Pass
15	1	2 mΩ	Pass
	2	2 mΩ	Pass
	3	2 mΩ	Pass
16	1	2 mΩ	Pass
	2	2 mΩ	Pass



	3	2 mΩ	Pass
17	1	2 mΩ	Pass
	2	2 mΩ	Pass
	3	2 mΩ	Pass
18	1	1 mΩ	Pass
	2	1 mΩ	Pass
	3	1 mΩ	Pass
19	1	1 mΩ	Pass
	2	1 mΩ	Pass
	3	1 mΩ	Pass
20	1	1 mΩ	Pass
	2	1 mΩ	Pass
	3	1 mΩ	Pass
21	1	1 mΩ	Pass
	2	1 mΩ	Pass
	3	1 mΩ	Pass
22	1	1 mΩ	Pass
	2	1 mΩ	Pass
	3	1 mΩ	Pass
23	1	1 mΩ	Pass
	2	1 mΩ	Pass
	3	1 mΩ	Pass
24	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 tray ZMKBSCL60.---.075 is conform to § 11.1.2 of the IEC 61537.

In addition: as we see no negative influence of the ZM coating compared to SZ (Sendzimir) coating, we can also state that the report KBSCL60.---.--- and KBSCL60.---.060 can be used for the ZM coated versions.

Oudenaarde, August 19th 2021

Stefan Desmet

Product Development Manager Vergokan




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.

