

ELECTRICAL CONTINUITY DECLARATION

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|---------------------------------|---|
| Producer: | VERGOKAN NV |
| Reportname: | KLIS --- |
| Product description: | Cable ladder SAMSON |
| Devices under test : | KLIS 200 |
| (Product references) | KLIS 600 LVIS LVISS |
| 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 ladders KLIS 200 coupled with LVIS | On both trays 50mm of the coupling. | Impedance can not exceed 50mΩ |
| 2 | Two cable ladders KLIS 200 coupled with LVISS | On both tray's 50mm of the coupling. | Impedance can not exceed 50mΩ |
| 3 | Two cable ladders KLIS 600 coupled with LVIS | On both trays 50mm of the coupling. | Impedance can not exceed 50mΩ |
| 4 | Two cable ladders KLIS 600 coupled with LVISS | On both tray's 50mm of the coupling. | Impedance can not exceed 50mΩ |
| 5 | KLIS 200 | On the tray, 500mm apart from each other | Impedance can not exceed 5mΩ/m |
| 6 | KLIS 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 | 2 mΩ | Pass |
| | 3 | 2 mΩ | Pass |
| 2 | 1 | 2 mΩ | Pass |
| | 2 | 2 mΩ | Pass |
| | 3 | 2 mΩ | Pass |
| 3 | 1 | 3 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 | 1 mΩ | Pass |
| | 2 | 2 mΩ | Pass |
| | 3 | 2 mΩ | Pass |
| 6 | 1 | 3 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 ladder KLIS ---is 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.
