



Axellent

Certified and Approved



REPORT

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Axellent Wire Tray AB
Jim Sundgren
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Electrical continuity measurements

(1 appendix)

1 Client

Axellent Wire Tray AB, Hillerstorp, Sweden.

2 Test items

Wire trays manufactured by Axellent Wire Tray AB.

Different dimensions of wire trays made of zinc plated steel, hot dip galvanized steel, stainless steel 316L and stainless steel 304L.

Art. No. x1xx zinc plated steel
Art. No. x2xx hot dip galvanized steel
Art. No. x3xx stainless steel 316L
Art. No. x4xx stainless steel 304L

See pictures in appendix 1 showing examples of shapes.

The test items arrived at SP, Electronics 2011-10-28 and were assembled by the client.

3 Commission

Electrical continuity measurements according to IEC 61537: 2006 and EN 61537: 2007, sub-clause 11.1.2.

4 Performance and result

The tests were performed 2011-11-07--09 by Sven Byheden.

Voltage drop measurement using a four-terminal measurement with a current of $25 \text{ A} \pm 1 \text{ A} / 50 \text{ Hz}$.

Voltage drop measured over splice (when two cable ladders were mounted with Splice connectors). The voltage drop was measured between two points 50 mm on each side of the splice connector. Maximum accepted impedance: 50 m Ω .

REQUIREMENTS AND TESTS FOR CABLE TRAY SYSTEMS

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