
Applicant : Dijkman Elektrotechniek b.v.
Havendijk 28
5017 AM Tilburg
The Netherlands

Application date : 99-09-01

Order number : 99.5700.01-KRQ/IBA

Subject : Impulse withstand voltage and
insulation voltage tests at
supports

Tradename : Dijkman Elektrotechniek b.v.

Types : 3S 20
4S 15
4S 15 /PA6
4S 20
6S 15
6S 20

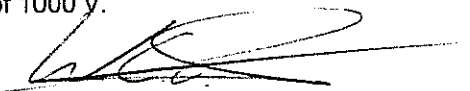
Arnhem, 20 September, 1999

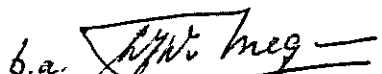
Manufacturer/ Factory-location:

Dijkman Elektrotechniek b.v., Havendijk 28, 5017 AM, Tilburg, The Netherlands.

Test requirements : IEC 947-1: 1999.

Conclusion : the tested products complies with the specified
requirements for the rated impulse withstand voltage of 12 kV and
insulation voltage of 1000 V.

Tested by : W.C van Ginkel 

Checked by : H.L. Schendstok *b.a.* 

enclosures

- drawings
- photos
- oscillograms

WvG/Sco

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Product data:

tradename : Dijkman Electrotechniek b.v.
types : 3S 20
4S 15
4S 15 /PA6
4S 20
6S 15
6S 20

rated impulse withstand voltage test : 12 kV
insulation voltage : 1000 V

Test results**Impulse withstand voltage**

The impulse withstand voltage test according to IEC 947-1, table 12 was carried out on the supports for a rated impulse withstand voltage of 12 kV 1,2/50 μ s.

The test impulse withstand voltage 14,8 kV 1,2/50 μ s was applied 5 times for each polarity with an interval of 5 s.

These supports were withstood well.

Further the test impulse withstand voltage was increased to 20 kV 1,2/50 μ s and was applied 5 times for each polarity with an interval of 5 s.

These supports were withstood well.

Dielectric strength test

The dielectric strength test according to IEC 947-1, table 12A was carried out on the supports for a rated insulation voltage of 1000 V.

The test voltage of 3500 V was applied for 1 minute to the supports.

No breakdown or flash-over occurred during the tests.

Further the test voltage was increased to 5000 V and applied for 1 minute to the supports.

No breakdown or flash-over occurred during the tests.