

ISKRA ZAŠČITE d.o.o.

Surge Voltage Protection Systems, Engineering and Cooperation

Stegne 35

1521 Ljubljana



TEST – CERTIFICATE

Product: Air terminal **INGESCO® PDC model 3.1**

Trial: Resistance to the effects of a current discharge

Description: 5 pulses of positive polarity current and another five pulses of a negative polarity current are applied in intervals of five minutes between each of the two pulses in order to test the current conduction and capacity according to:

IEC 1312-1, EN 50.164-1 (tested H/N)

RP 58.01 AENOR 24/01/00

UNE 21186 , NF C-17 102

IEC 60-1 , IEC 1083-1

Test: The Air terminal is connected directly to the pulse generator.

Test Parameters:

Peak Value $I_{peak} = 200 \text{ KA}$

Charge $Q = 100 \text{ C}$

Specific Energy $W/R = 10 \text{ MJ/ohm}$

Wave Form $10/350 \mu\text{s}$

Results

The Air terminal **INGESCO® PDC model 3.1** satisfactorily **supports** the effects of the current discharge and maintains its structure and its geometry in perfect state, thus guaranteeing the functioning ability of its initial characteristics.

Date of Test

Ljubljana, 28 of August 2001

