ZEZ SILKO

POWER FACTOR CORRECTION
POWER CAPACITORS
COMPONENTS

ISO 9001 KEMA

TEST CERTIFICATE

No.:TR 8 - 20088

Product : **Power capacitor**

Type : **CUEFS 23-8,5/100**

Characteristics:

Rated capacitance	**Cn = 1 x4,41**	**μF**	**Rated voltage**	**Un = 8,5**	**kV AC**
Rated output	**Qn = 100**	**kVAr**	**Rated frequency**	**= 50**	**Hz**
Insulation level	**= 38/95**	**kV**	**Built-in DR**	**= 12**	**MΩ**

Specification:

Standard : **IEC 60 871-1:2005** **Drawing** : **4J8726A**

Number of lots : **8 - 20088** pieces : 3

serial numbers: 2055709-2055711

Testing:

Routine tests	Clauses	Test conditions / measured values	Results
Visual inspection		Dimension in accordace with the drawing	**PASSED**
Voltage test	9	Ut=2,0 x Un= 17,0 kV AC for duration 10 s	**PASSED**
Voltage test between terminals and container	11	Ut=38kV AC for duration 10 s	**PASSED**
Test of internal discharge device	11	The discharge resistance value in accordance with the specification.	**PASSED**
Capacitance and tan δ measurement	7, 8	var.Cn max [%] = 2,886 var.Cn min [%] = 2,572 tan δ max = 1,6 . 10^{-4} *)	**PASSED**
Sealing test	12	Exposition at 75°C for duration 2 hours. No leakage	**PASSED**

*) Value meassured in routine testing. The final "stabilised" values are achieved after 12 hours of operation or after thermal stability testing.

THE PRODUCT TYPE : **CUEFS 23-8,5/100** **PASSED THE ROUTINE TESTS**

Tests finished on 1.10.2009 10:34:58

Tested:Mr.Pavel Exler

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