

Surge Arrester

3-Electrode-Arrester

Series/Type: T61-C600X

Ordering code: B88069X8820B102

Date: 23.05.2002 Version: Issue 02

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DC spark-over voltage 1) 2) 4)	420 700	V
Impulse spark-over voltage ⁴⁾ at 100 V/µs - for 99 % of measured values - typical values of distribution	< 900 < 800	V
at 1 kV/µs - for 99 % of measured values - typical values of distribution	< 1000 < 900	V
Nominal impulse discharge current (wave 8/20 µs) 5) Single impulse discharge current (wave 8/20 µs) 5)	20 30	kA kA
Nominal alternating discharge current (50 Hz, 1 s) ⁵⁾ Alternating discharge current (50 Hz, 9 cycles) ⁵⁾	20 130	A A
Insulation resistance at 100 V _{dc} ⁴⁾	> 10	$G\Omega$
Capacitance at 1 MHz ⁴⁾	< 1.5	pF
Transverse delay time 3)	< 0.2	μs
Arc voltage at 1 A Glow to arc transition current Glow voltage	~ 35 ~ 1 ~ 200	V A V
Weight	~ 3.5	g
Operation and storage temperature	-40 +90	°C
Climatic category (IEC 60068-1)	40/ 90/ 21	
Marking, green	EPCOS 600 YY O 600 - Nominal voltage YY - Year of production O - Non radioactive	

¹⁾ At delivery AQL 0.65 level II, DIN ISO 2859

Terms in accordance with ITU-T Rec. K.12 and DIN 57845/VDE0845

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²⁾ In ionized mode

Test according to ITU-T Rec. K.12

Tip or ring electrode to center electrode

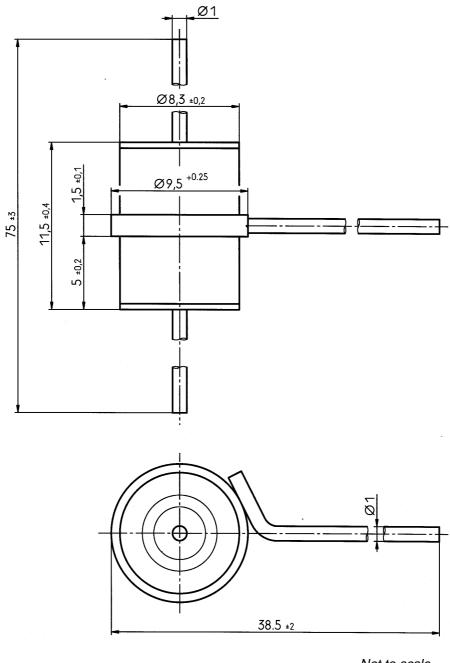
Total current through center electrode, half value through tip respectively ring electrode.



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Not to scale

Dimensions in mm

Non controlled document

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