



Surge Arrester

2-Electrode-Arrester

Series/Type:	A71-H16XB
Ordering code:	B88069X3931C502
Date:	28.04.2004
Version:	01

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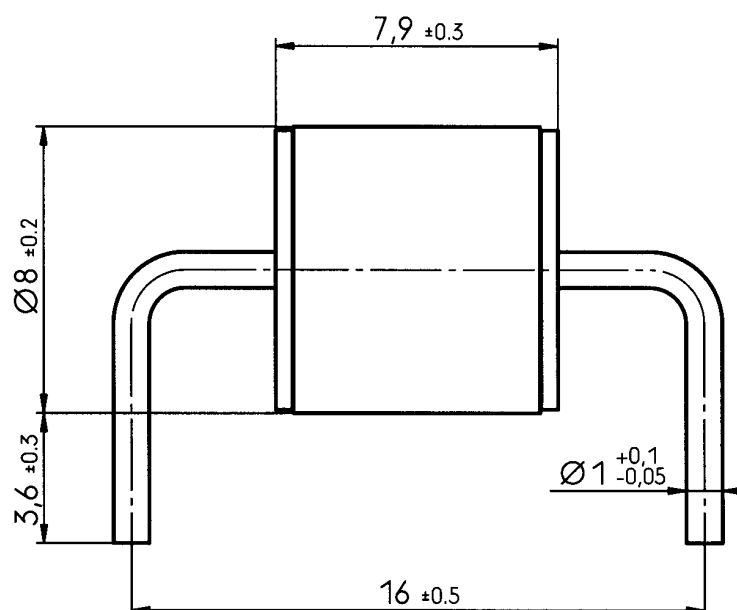
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DC spark-over voltage ^{1) 2)}	1600 ± 20	V %
Impulse spark-over voltage at 100 V/μs - for 99 % of measured values - typical values of distribution	< 2300 < 2200	V V
at 1 kV/μs - for 99 % of measured values - typical values of distribution	< 2400 < 2300	V V
Nominal impulse discharge current (wave 8/20 μs)	2.5	kA
Single impulse discharge current (wave 8/20 μs)	2.5	kA
Nominal alternating discharge current (50 Hz, 1 s)	2.5	A
Alternating discharge current (50 Hz, 9 cycles)	15	A
Insulation resistance at 100 V _{dc}	> 10	GΩ
Capacitance at 1 MHz	< 1	pF
Arc voltage at 1 A	~ 30	V
Glow to arc transition current	~ 0.5	A
Glow voltage	~ 160	V
Weight	~ 1	g
Operation and storage temperature	-40 ... +90	°C
Climatic category (IEC 60068-1)	40/ 90/ 21	
Marking, green	EPCOS 1600 YY O 1600 - Nominal voltage YY - Year of production O - Non radioactive	

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

²⁾ In ionized mode

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tin-plated

Not to scale

Dimensions in mm

Non controlled document