



# Surge Arrester

## 2-Electrode-Arrester

**Series/Type:** V10-A500X  
**Ordering code:** B88069X4400C251  
**Date:** 27.09.2004  
**Version:** Issue 05

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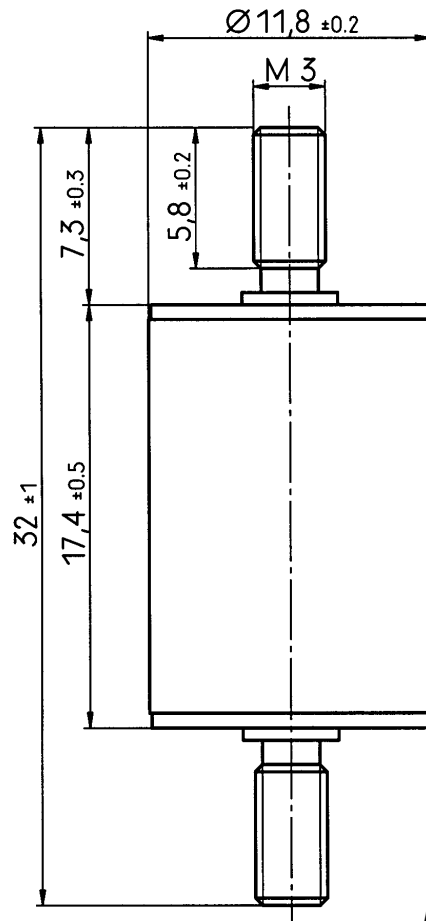
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DC spark-over voltage <sup>1) 2)</sup>	500 ± 20	V %
Impulse spark-over voltage at 100 V/μs - for 99 % of measured values - typical values of distribution	< 850 < 750	V V
at 1 kV/μs - for 99 % of measured values - typical values of distribution	< 1000 < 900	V V
Nominal impulse discharge current (wave 8/20 μs)	20	kA
Single impulse discharge current (wave 8/20 μs)	30	kA
Nominal alternating discharge current (50 Hz, 1 s)	20	A
Alternating discharge current (50 Hz, 9 cycles)	120	A
Insulation resistance at 100 V <sub>dc</sub>	> 10	GΩ
Capacitance at 1 MHz	< 1.5	pF
Arc voltage at 1 A	~ 35	V
Glow to arc transition current	~ 1	A
Glow voltage	~ 200	V
Weight	~ 8	g
Operation and storage temperature	-40 ... +90	°C
Climatic category (IEC 60068-1)	40/ 80/ 21	
Marking, black	<b>EPCOS 500 YY O</b> 500 - Nominal voltage YY - Year of production O - Non radioactive	

<sup>1)</sup> At delivery AQL 0.65 level II, DIN ISO 2859

<sup>2)</sup> In ionized mode

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



nickel-plated

*Not to scale*

*Dimensions in mm*

*Non controlled document*

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