

Surge Arrester

A81-A500X

2-Electrode-Arrester

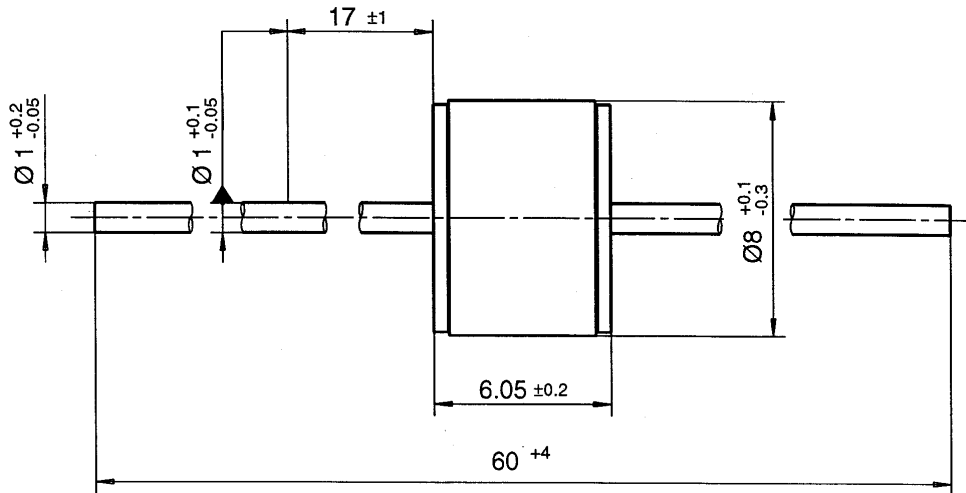
Ordering code: B88069X1490S102

DC spark-over voltage ^{1) 2)}	500 ± 20	V %
Impulse spark-over voltage		
at 100 V/μs - for 99 % of measured values	< 1000	V
- typical values of distribution	< 900	V
at 1 kV/μs - for 99 % of measured values	< 1100	V
- typical values of distribution	< 1000	V
Nominal impulse discharge current (wave 8/20 μs)	20	kA
Single impulse discharge current (wave 8/20 μs)	25	kA
Nominal alternating discharge current (50 Hz, 1 s)	20	A
Alternating discharge current (50 Hz, 9 cycles)	100	A
Insulation resistance at 100 V _{dc}	> 10	GΩ
Capacitance at 1 MHz	< 1.5	pF
Arc voltage at 1 A	~ 10	V
Glow to arc transition current	~ 0.8	A
Glow voltage	~ 60	V
Weight	~ 1.5	g
Operation and storage temperature	-40 ... +90	°C
Climatic category (IEC 60068-1)	40/ 90/ 21	
Marking, blue	EPCOS 500 YY O 500 - Nominal voltage YY - Year of production O - Non radioactive	

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

²⁾ In ionized mode

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



Not to scale

Dimensions in mm

Non controlled document



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