EPCOS

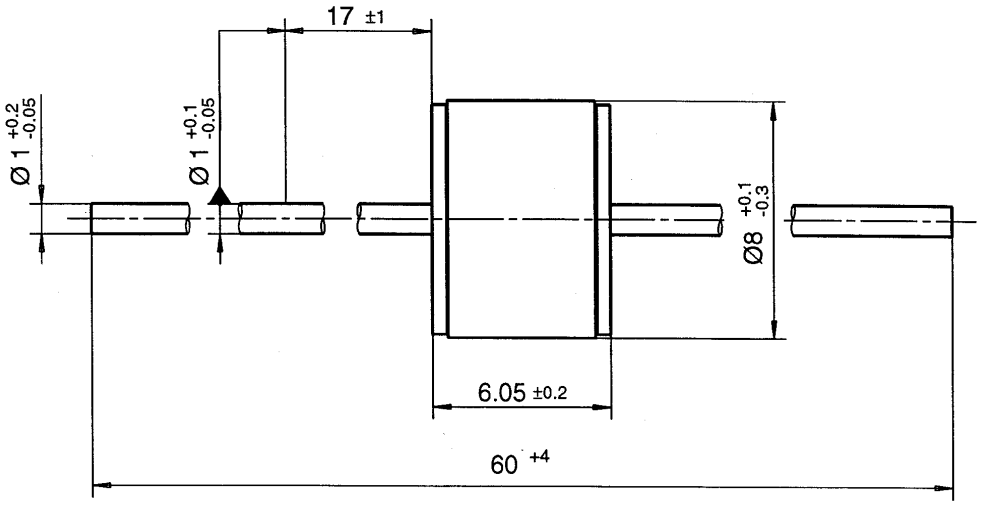
Surge Arrester **N81-A90X**

2-Electrode-Arrester Ordering code: **B88069X4880S102**

DC spark-over voltage [1) 2)]	90 ± 20	V %
Impulse spark-over voltage at 100 V/µs - for 99 % of measured values - typical values of distribution at 1 kV/µs - for 99 % of measured values - typical values of distribution	 < 500 < 450 < 600 < 550	 V V V V
Nominal impulse discharge current (wave 8/20 µs) Single impulse discharge current (wave 8/20 µs)	10 12	kA kA
Nominal alternating discharge current (50 Hz, 1 s) Alternating discharge current (50 Hz, 9 cycles)	10 65	A A
Insulation resistance at 50 V_{dc}	> 10	GΩ
Capacitance at 1 MHz	< 1.5	pF
Arc voltage at 1 A Glow to arc transition current Glow voltage	~ 15 ~ 0.5 ~ 60	V A V
Weight	~ 1.5	g
Operation and storage temperature	-40 ... +90	°C
Climatic category (IEC 60068-1)	40/ 90/ 21	
Marking, red	**EPCOS 90 YY O** 90 - 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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