

## Surge Arrester

## 2-Electrode-Arrester

EM3000XB

Ordering code: B88069X6140B502

DC spark-over voltage <sup>1) 2)</sup>	3000 ± 20	V %
Impulse spark-over voltage at 100 V/μs    - for 99 % of measured values - typical values of distribution	< 4200 < 3800	V V
at 1 kV/μs    - for 99 % of measured values - typical values of distribution	< 5000 < 4200	V V
Service life <sup>3)</sup> 3 operations    8/20 μs 300 operations    8/20 μs 10 operations    50 Hz; 1 s	2 100 1	kA A A
Insulation resistance at 100 V <sub>dc</sub>	> 1	GΩ
Capacitance at 1 MHz	< 1	pF
Arc voltage at 1 A Glow to arc transition current Glow voltage	~ 15 < 1 ~ 80	V A V
Weight	~ 1	g
Operation and storage temperature	-40 ... +90	°C
Climatic category (IEC 60068-1)	40/ 90/ 21	
Marking, red	<b>EPCOS EM 3000 YY O</b> EM    - Series 3000 - Nominal voltage YY    - Year of production O    - Non radioactive	

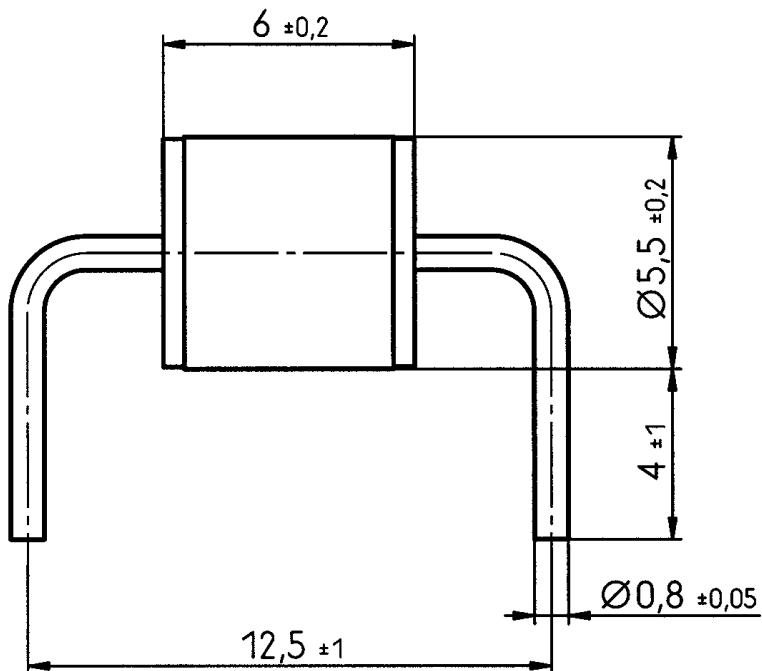
<sup>1)</sup> At delivery AQL 0.65 level II, DIN ISO 2859<sup>2)</sup> In ionized mode<sup>3)</sup> Arrester has to meet: Voltage withstand test AC 1500 V, 1min  
Terms in accordance with ITU-T Rec. K.12 and DIN 57845/VDE0845

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*Not to scale*

*Dimensions in mm*

*Non controlled document*

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