

## **Surge Arrester**

2-Electrode-Arrester

Series/Type: N81-A800X

Ordering code: B88069X5041S102

Date: 15.06.2005

Version: 01

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Release 2018-10



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Features	Applications	
Standard Size	AC Power Lines (in Series with Varistor)	
Very High Current Rating	Consumer Electronics	
Fast Response Time		
Stable Performance over Life		
Very Low Capacitance		
High Insulation Resistance		
RoHS Compliance		
* Footnotes see page 1		
DC spark-over voltage 1) 2)	800 ± 20	V %
Impulse spark-over voltage at 100 V/µs - for 99 % of measured value - typical values of distribution		V
at 1 kV/µs - for 99 % of measured values of distribution		V V
Nominal impulse discharge current (wave 8/20 µs Single impulse discharge current (wave 8/20 µs		kA kA
Nominal alternating discharge current (50 Hz, 1 s) Alternating discharge current (50 Hz, 9 cycles)		A
Insulation resistance at 100 V <sub>dc</sub>		GΩ
Capacitance at 1 MHz		pF
Arc voltage at 1 A Glow to arc transition current Glow voltage	~ 15 ~ 0.5 ~ 60	V A V
Weight		g
Operation and storage temperature		°C
Climatic category (IEC 60068-1)	40/ 90/ 21	,
Marking, red	EPCOS800 YY O  800 - Nominal voltage YY - Year of production O - Non radioactive	

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

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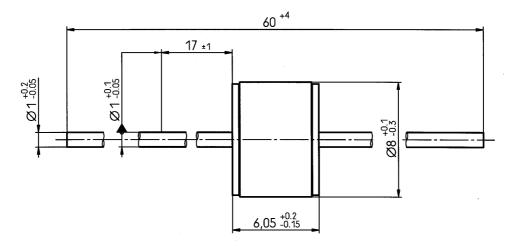
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Not to scale

Dimensions in mm

Non controlled document