

## Excellent Integrated System Limited

Stocking Distributor

Click to view price, real time Inventory, Delivery & Lifecycle Information:

[EPCOS \(TDK\)](#)  
[B88069X9170C251](#)

For any questions, you can email us directly:

[sales@integrated-circuit.com](mailto:sales@integrated-circuit.com)



**Surge Arrester**

**V10-H08X**

**2-Electrode-Arrester**

**Ordering code: B88069X9170C251**

DC spark-over voltage <sup>1) 2)</sup>	800 ± 20	V %
Impulse spark-over voltage at 100 V/μs - for 99 % of measured values - typical values of distribution	< 1000 < 900	V V
at 1 kV/μs - for 99 % of measured values - typical values of distribution	< 1200 < 1100	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/ 90/ 21	
Marking, black	<b>EPCOS 800 YY O</b> 800 - 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

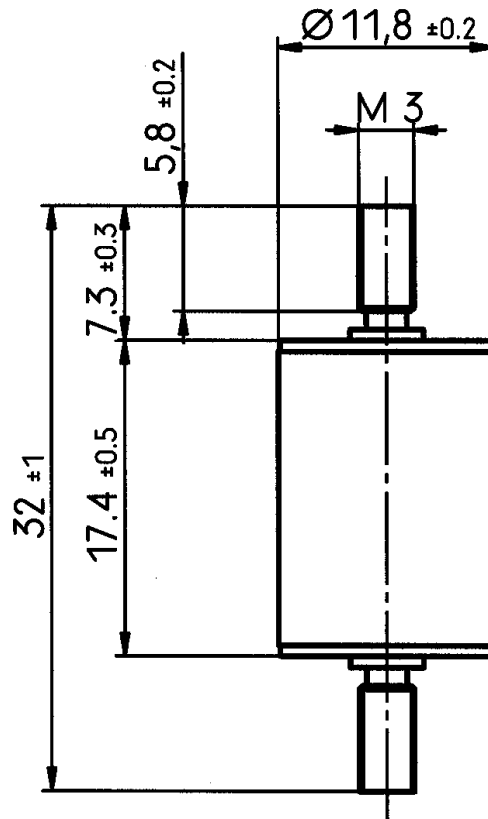


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*Not to scale*

*Dimensions in mm*

*Non controlled document*