

Surge Arrester N81-A90X

Ordering code: B88069X4880S102

## 2-Electrode-Arrester

DC spark-over voltage 1)2) 90 V % ± 20 Impulse spark-over voltage - for 99 % of measured values at 100 V/µs < 500 ٧ - typical values of distribution < 450 ٧ at 1 kV/µs - for 99 % of measured values < 600 - typical values of distribution < 550 Nominal impulse discharge current (wave 8/20 µs) 10 kΑ kΑ Single impulse discharge current (wave 8/20 µs) 12 Nominal alternating discharge current (50 Hz, 1 s) 10 Α Alternating discharge current (50 Hz, 9 cycles) 65 Α Insulation resistance at 50 V<sub>dc</sub> > 10  $\mathsf{G}\Omega$ рF Capacitance at 1 MHz < 1.5 V Arc voltage at 1 A ~ 15 Glow to arc transition current ~ 0.5 Α ٧ Glow voltage ~ 60 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 - Nominal voltage YY - Year of production

0

- Non radioactive

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

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

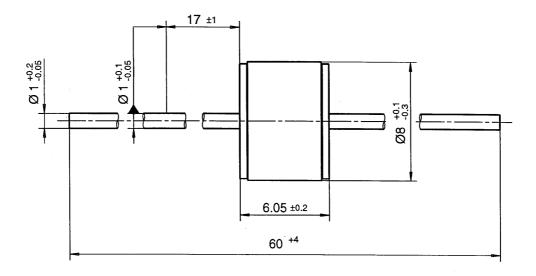
<sup>2)</sup> In ionized mode



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Not to scale

Dimensions in mm

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