

**Surge Arrester** T80-A90XSMDN

Ordering code: B88069X5930T502

**EPCOS** 90 YY O 90

YY

- Nominal voltage

- Year of production - Non radioactive

## 3-Electrode-Arrester

DC spark-over voltage 1) 2) 4) 90 V % ± 20 Impulse spark-over voltage 4) at 100 V/µs - for 99 % of measured values < 400 ٧ - typical values of distribution < 300 ٧ at 1 kV/µs - for 99 % of measured values < 550 - typical values of distribution < 450 Nominal impulse discharge current (wave 8/20 µs) 5) 10 kΑ (wave 8/20 µs) 5) kΑ Single impulse discharge current 15 Nominal alternating discharge current (50 Hz, 1 s) 5) 10 Α Alternating discharge current (50 Hz, 9 cycles) 5) 40 Α Insulation resistance at 50 V<sub>dc</sub> <sup>4)</sup> > 10  $G\Omega$ Capacitance at 1 MHz 4) < 1.5 pF Transverse delay time 3) < 0.2 μs V Arc voltage at 1 A ~ 10 Glow to arc transition current ~ 1 Α Glow voltage ~ 60 ٧ ~ 2 Weight g °C Operation and storage temperature -40 ... +90 40/90/21

1) At delivery AQL 0.65 level II, DIN ISO 2859

Marking, red

Climatic category (IEC 60068-1)

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

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

Test according to ITU-T Rec. K.12

Tip or ring electrode to center electrode

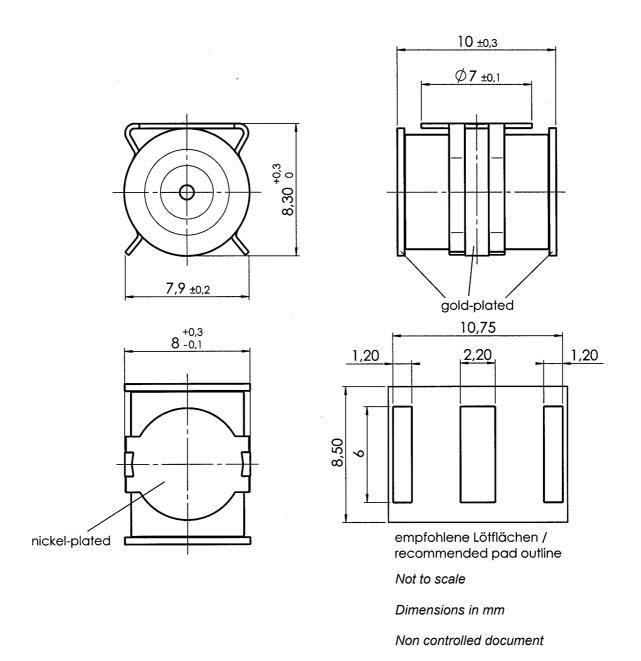
Total current through center electrode, half value through tip respectively ring electrode.



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