

Surge Arrester

3-Electrode-Arrester

Series/Type: T81-A230X

Ordering code: B88069X8470B202

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DC spark-over voltage 1) 2) 4) 230 V ± 20 % Impulse spark-over voltage 4) - for 99 % of measured values at 100 V/µs ٧ < 450 - typical values of distribution < 400 ٧ at 1 kV/µs - for 99 % of measured values < 650 - typical values of distribution < 600 Nominal impulse discharge current (wave 8/20 µs) 5) 10 kΑ (wave 8/20 µs) 5) Single impulse discharge current 15 kΑ Nominal alternating discharge current (50 Hz, 1 s) ⁵⁾ 10 Α Alternating discharge current (50 Hz, 9 cycles) 5) 40 Α Insulation resistance at 100 V_{dc}⁴⁾ > 10 $G\Omega$ Capacitance at 1 MHz 4) рF < 1.5 Transverse delay time 3) < 0.2 μs ٧ Arc voltage at 1 A ~ 35 Glow to arc transition current ~ 1 Α Glow voltage ~ 200 Weight ~ 2.2 g °C Operation and storage temperature -40 ... +90 Climatic category (IEC 60068-1) 40/90/21 Marking, red **EPCOS** 230 YY O

230

YY

Nominal voltageYear of production

- Non radioactive

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

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

²⁾ In ionized mode

Test according to ITU-T Rec. K.12

Tip or ring electrode to center electrode

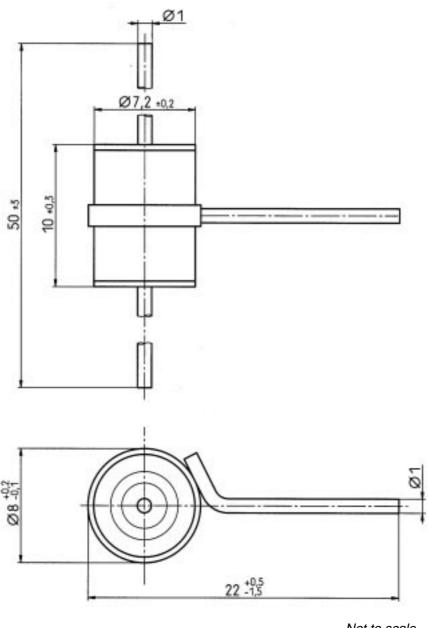
Total current through center electrode, half value through tip respectively ring electrode.



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Not to scale

Dimensions in mm

Non controlled document

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