

Surge Arrester T90-A90X

Ordering code: B88069X5470C253

3-Electrode-Arrester

Preliminary data

| DC spark-over voltage 1) 2) 4) | 90 ± 20 | V % |
|---|---|-------------|
| Impulse spark-over voltage ⁴⁾ at 100 V/µs - for 99 % of measured values ⁶⁾ - typical values of distribution ⁶⁾ | < 550 < 450 | V |
| at 1 kV/µs - for 99 % of measured values ⁶⁾ - typical values of distribution ⁶⁾ | < 700 < 600 | V |
| Nominal impulse discharge current (wave 8/20 µs) 5) 6) | 5 | kA |
| Nominal alternating discharge current (50 Hz, 1 s) ^{5) 6)} | 5 | А |
| Insulation resistance at 50 V _{dc} ⁴⁾ | > 1 | GΩ |
| Capacitance at 1 MHz 4) | < 1.5 | pF |
| Transverse delay time 3) | < 0.2 | μs |
| Arc voltage at 1 A Glow to arc transition current Glow voltage | ~ 10 ~ 1 ~ 60 | V A V |
| Weight | ~ 0.8 | g |
| Operation and storage temperature | -40 +90 | °C |
| Climatic category (IEC 60068-1) | 40/ 90/ 21 | |
| Marking, blue | EPCOS 90 YY O 90 - Nominal voltage YY - Year of production O - Non radioactive | |

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

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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.

under test

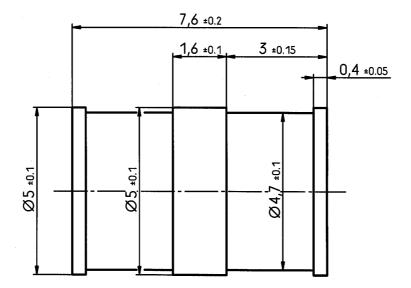
Terms in accordance with ITU-T Rec. K.12 and DIN 57845/VDE0845



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Not to scale

Dimensions in mm

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Non controlled document

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