



## Surge Arrester T83-A350X

### 3-Electrode-Arrester Ordering code: B88069X8690B502

DC spark-over voltage <sup>1) 2) 4)</sup>	350± 20 V %
Impulse spark-over voltage <sup>4)</sup> at 100 V/μs	
- for 99 % of measured values	< 700 V
- typical values of distribution	< 600 V
at 1 kV/μs	
- for 99 % of measured values	< 900 V
- typical values of distribution	< 800 V
Nominal impulse discharge current (wave 8/20 μs) <sup>5)</sup>	10 kA
Single impulse discharge current (wave 8/20 μs) <sup>5)</sup>	15 kA
Nominal alternating discharge current (50 Hz, 1 s) <sup>5)</sup>	10 A
Alternating discharge current (50 Hz, 9 cycles) <sup>5)</sup>	40 A
Insulation resistance at 100 V <sub>dc</sub> <sup>4)</sup>	> 10 GOhm.
Capacitance at 1 MHz <sup>4)</sup>	< 1.5 pF
Transverse delay time <sup>3)</sup>	< 0.2 μs
Arc voltage at 1 A	~ 30 V
Glow to arc transition current	~ 1 A
Glow voltage	~ 200 V
Weight	~ 2.2 g
Storage temperature	-40 ... +90 °C
Climatic category	(IEC 60068-1) 40/ 90/ 21
Marking, red	<b>350 YY O</b> 350 - Nominal voltage YY - Year of production O - Non radioactive

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

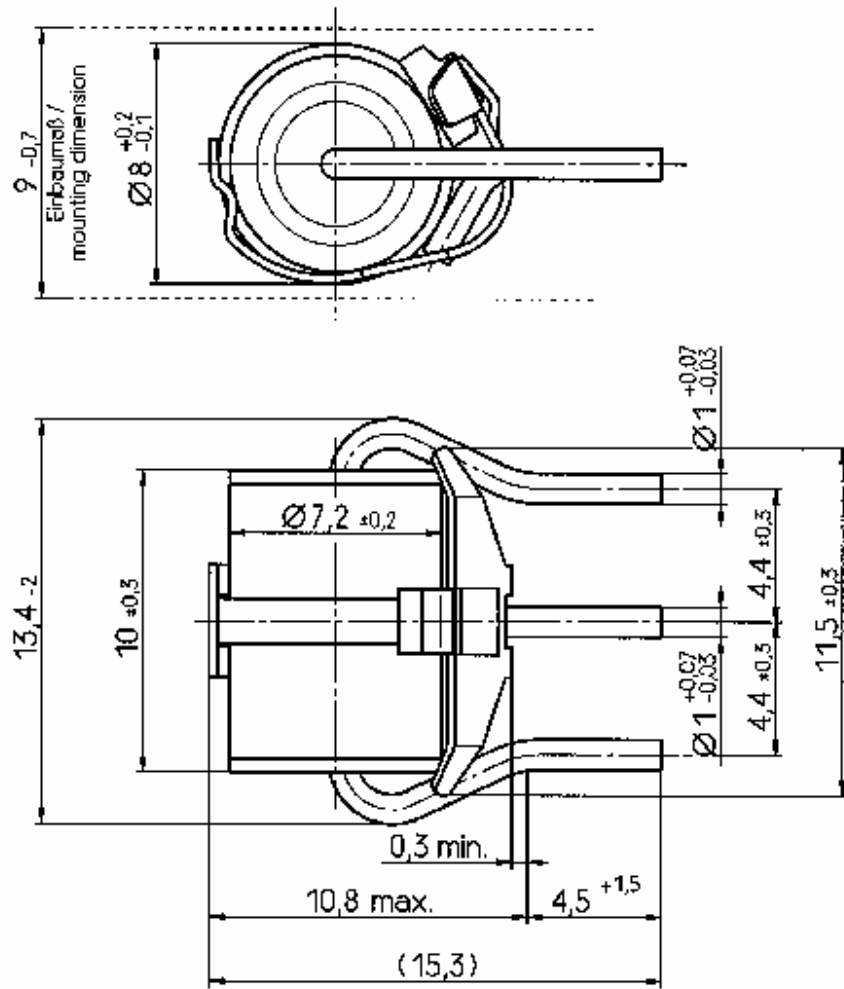
<sup>2)</sup> In ionized mode

<sup>3)</sup> Test according to ITU-T Rec. K.12

<sup>4)</sup> Tip or ring electrode to center electrode

<sup>5)</sup> Total current through center electrode, half value through tip respectively ring electrode.

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



*Not to scale*

*Dimensions in mm*

*Non controlled document*